

Page 1

Changed chart(s) since Disc 23-2009

ADD = Added chart, REV = Revised chart, DEL = Deleted chart.

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
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No revision activity since Disc 23-2009

TERMINAL CHART NOTAMs

No Chart NOTAMs for Airport USTR

General Info

Tyumen, RUS
N 57° 10.1' E 65° 19.0' Mag Var: 13.9°E
Elevation: 377'

Public, IFR, Control Tower, Customs, Landing Fee
Fuel: Jet A-1
Repairs: Minor Airframe, Minor Engine

Time Zone Info: GMT+5:00 uses DST

Runway Info

Runway 03-21 9852' x 148' asphalt
Runway 12-30 8871' x 164' asphalt

Runway 03 (34.0°M) TDZE 371'
Lights: Edge, ALS
Runway 12 (120.0°M) TDZE 315'
Lights: Edge, ALS
Runway 21 (214.0°M) TDZE 341'
Lights: Edge, ALS
Runway 30 (300.0°M) TDZE 344'
Lights: Edge, ALS

Communications Info

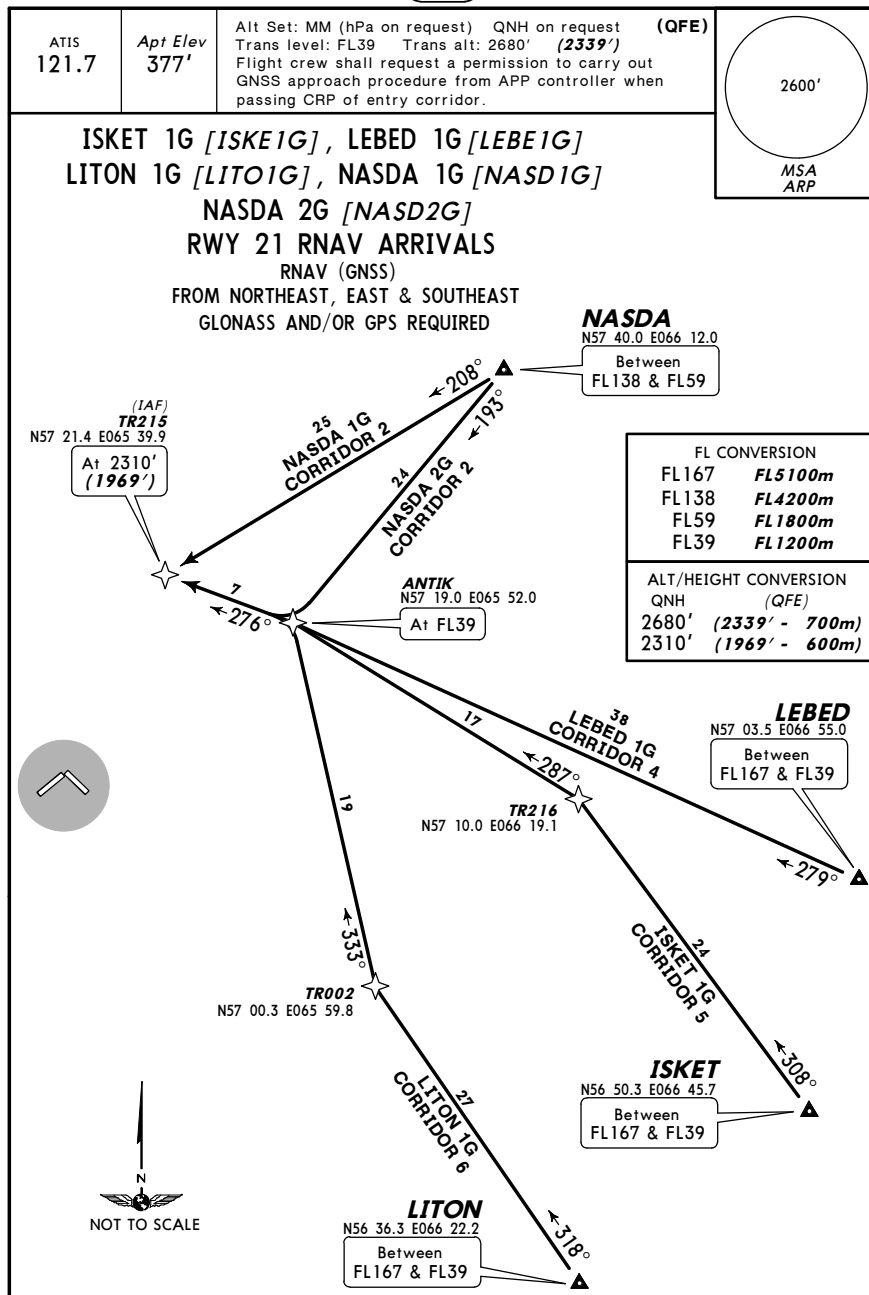
ATIS **121.7**
Tyumen Taxiing Tower **119.0**
Tyumen Start Tower **118.2**
Tyumen Approach Control **126.1**
Tyumen Krug Radar **120.4**

Notebook Info

USTR/TJM
ROSHCHINO

JEPPesen
17 JUL 09 (10-2) Eff 30 Jul

TYUMEN, RUSSIA
RNAV STAR



STAR	ROUTING
ISKET 1G	ISKET(FL167-; FL39+) - TR216 - ANTIK(FL39) - TR215(2310').
LEBED 1G	LEBED(FL167-; FL39+) - ANTIK(FL39) - TR215(2310').
LITON 1G	LITON(FL167-; FL39+) - TR002 - ANTIK(FL39) - TR215(2310').
NASDA 1G	NASDA(FL138-; FL59+) - TR215(2310').
NASDA 2G	NASDA(FL138-; FL59+) - ANTIK(FL39) - TR215(2310').

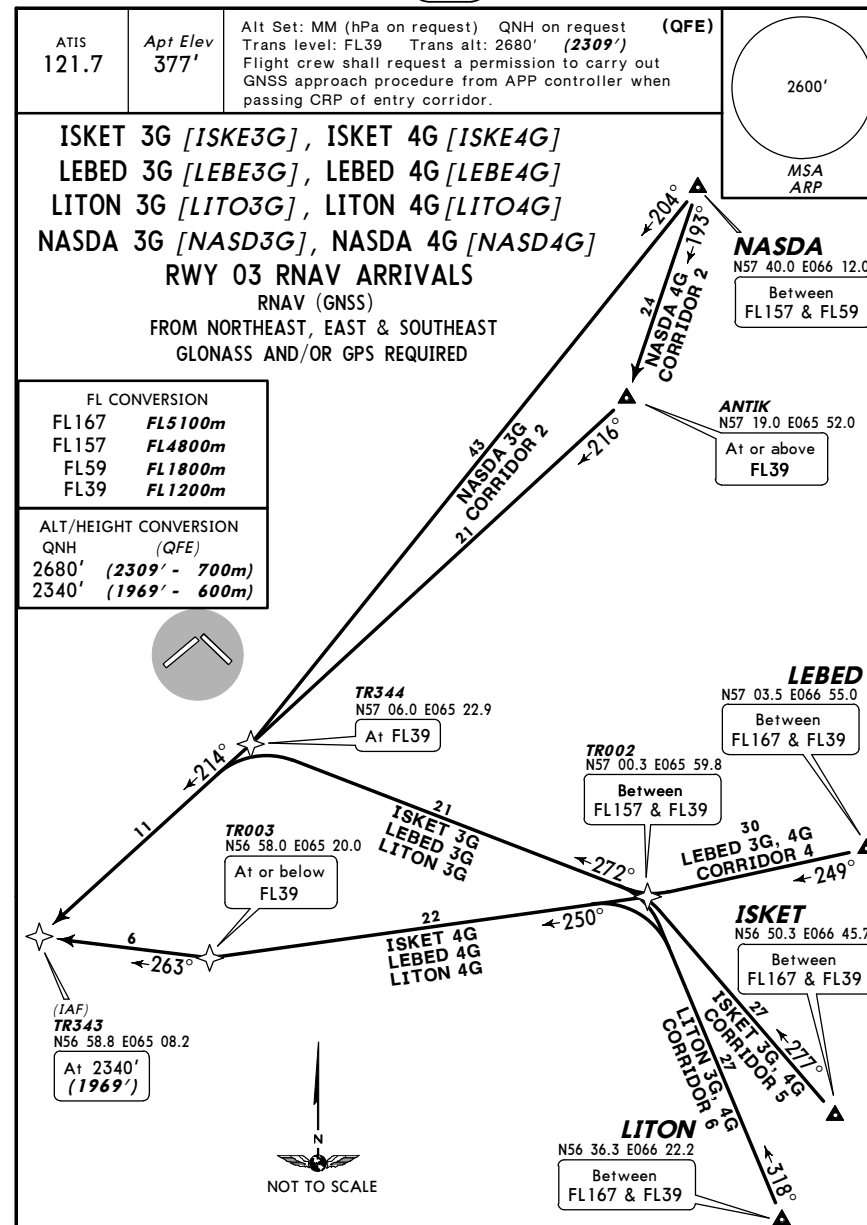
CHANGES: RNAV STARs established; STARs transferred.

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JEPPesen
17 JUL 09 (10-2A) Eff 30 Jul

TYUMEN, RUSSIA
RNAV STAR



STAR	ROUTING
ISKET 3G	ISKET(FL167-; FL39+) - TR002(FL157-; FL39+) - TR344(FL39) - TR343(2340').
ISKET 4G	ISKET(FL167-; FL39+) - TR002(FL157-; FL39+) - TR003(FL39-) - TR343(2340').
LEBED 3G	LEBED(FL167-; FL39+) - TR002(FL157-; FL39+) - TR344(FL39) - TR343(2340').
LEBED 4G	LEBED(FL167-; FL39+) - TR002(FL157-; FL39+) - TR003(FL39-) - TR343(2340').
LITON 3G	LITON(FL167-; FL39+) - TR002(FL157-; FL39+) - TR344(FL39) - TR343(2340').
LITON 4G	LITON(FL167-; FL39+) - TR002(FL157-; FL39+) - TR003(FL39-) - TR343(2340').
NASDA 3G	NASDA(FL157-; FL59+) - TR344(FL39) - TR343(2340').
NASDA 4G	NASDA(FL157-; FL59+) - ANTIK(FL39+) - TR344(FL39) - TR343(2340').

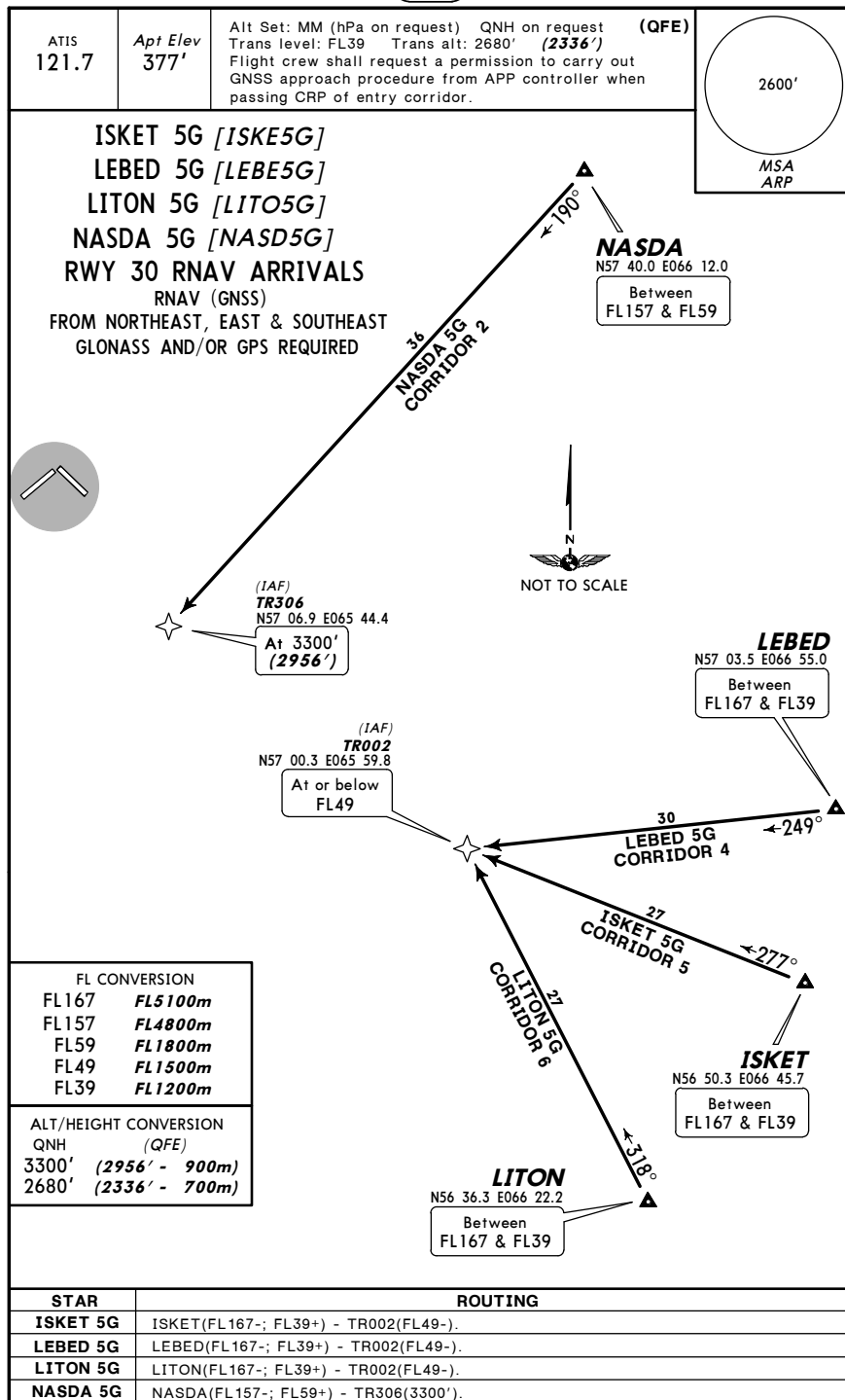
CHANGES: RNAV STARs established; STARs transferred.

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17 JUL 09 (10-2B) Eff 30 Jul

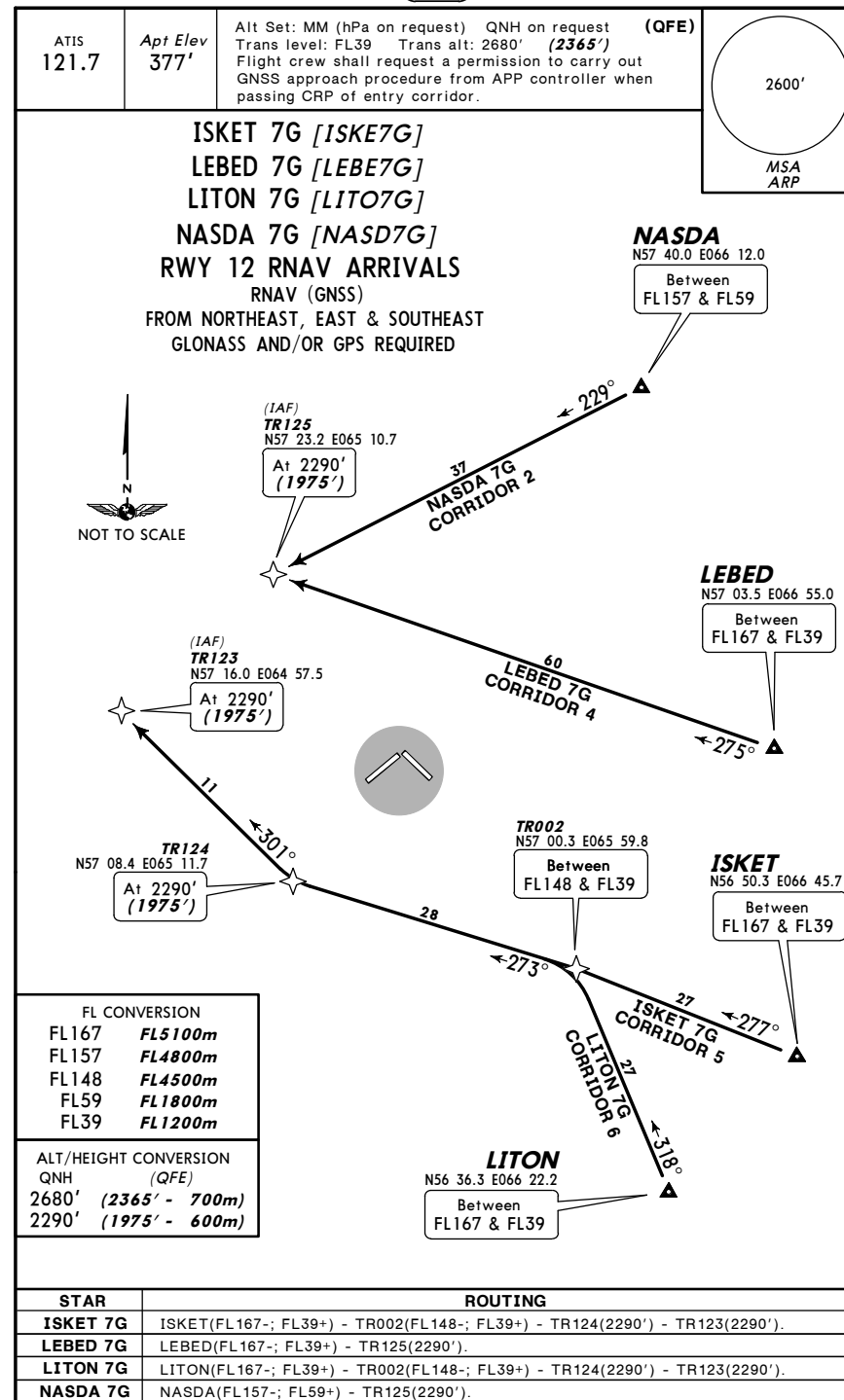
TYUMEN, RUSSIA
RNAV STAR



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17 JUL 09 (10-2C) Eff 30 Jul

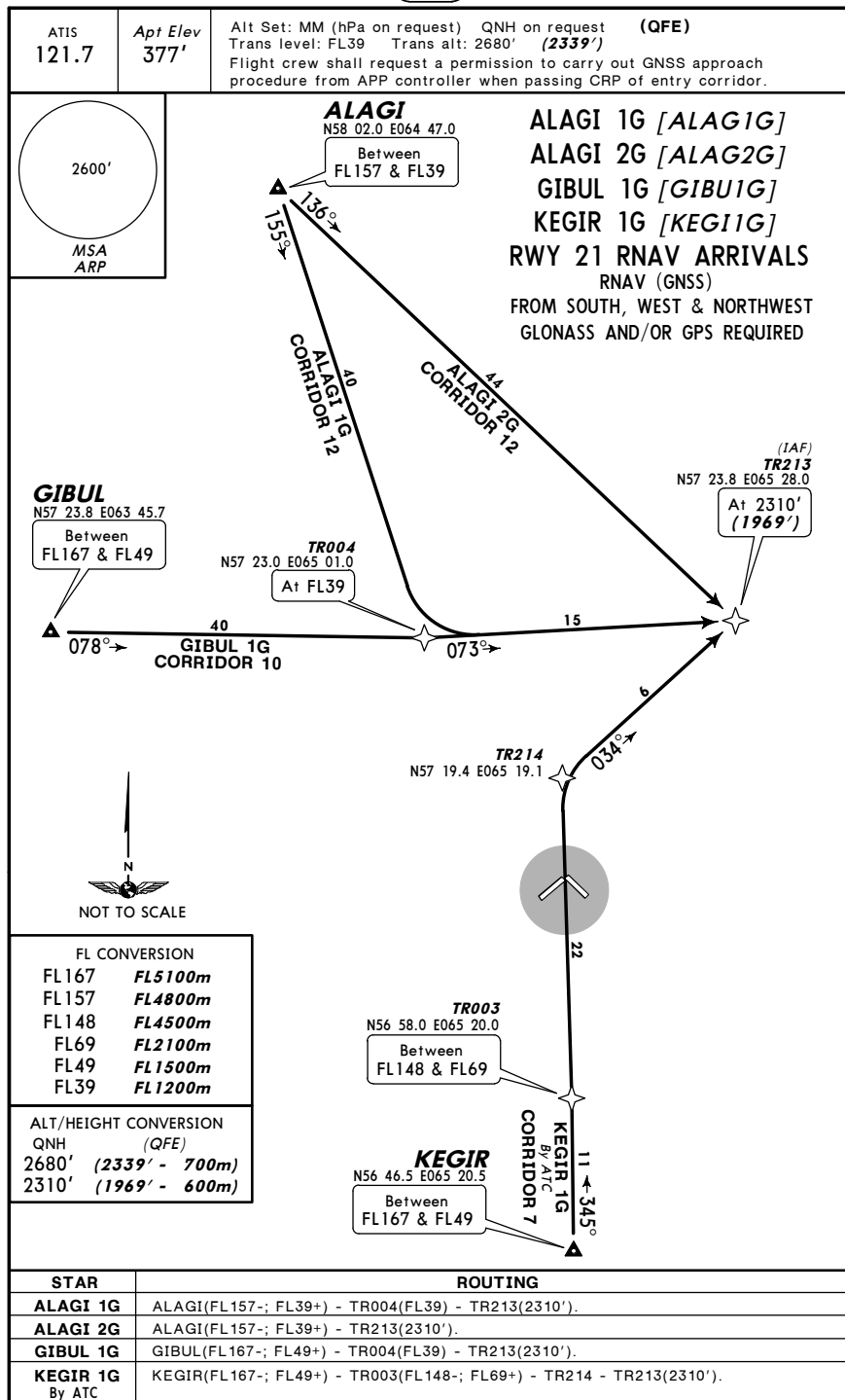
TYUMEN, RUSSIA
RNAV STAR



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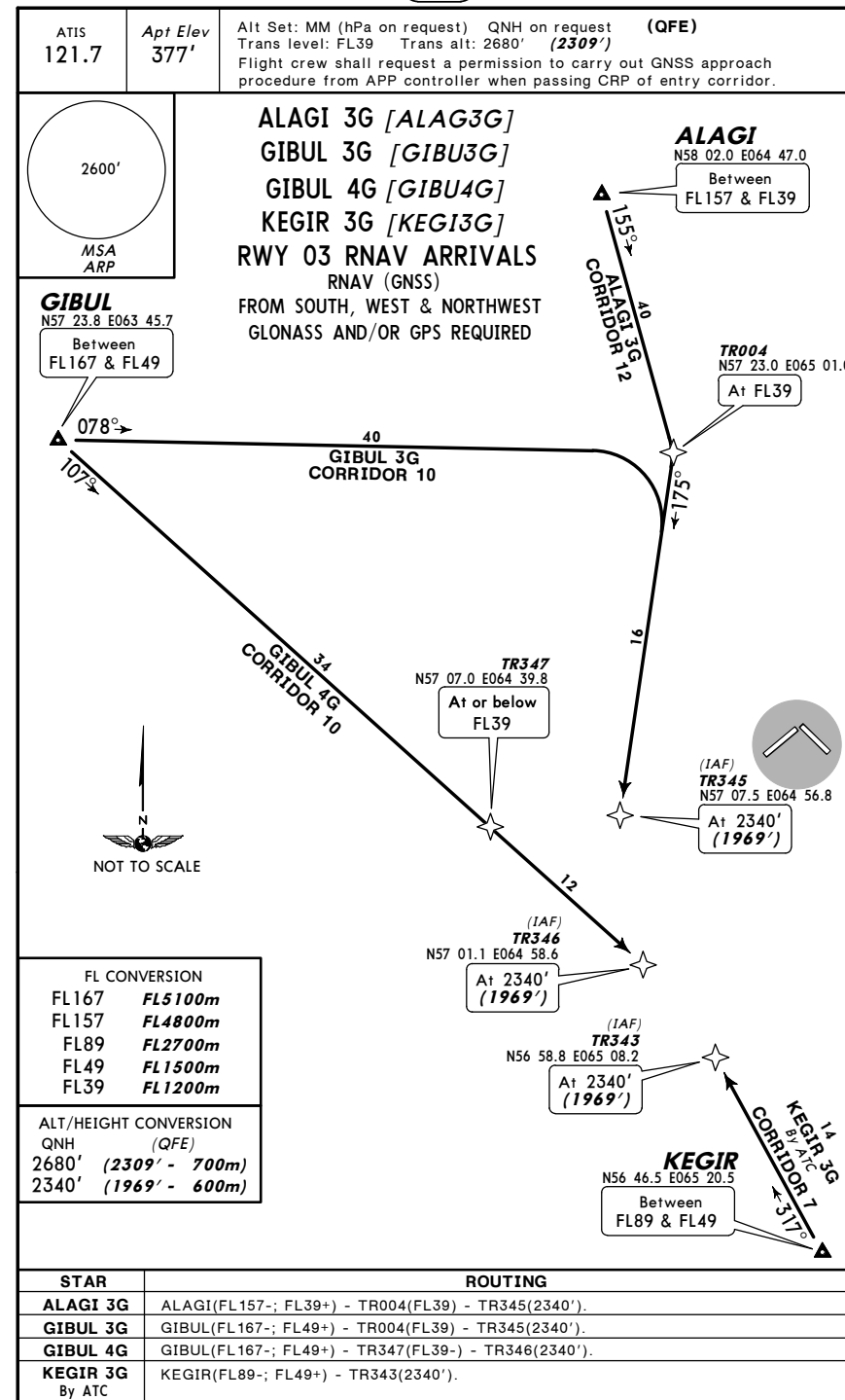
TYUMEN, RUSSIA
RNAV STAR



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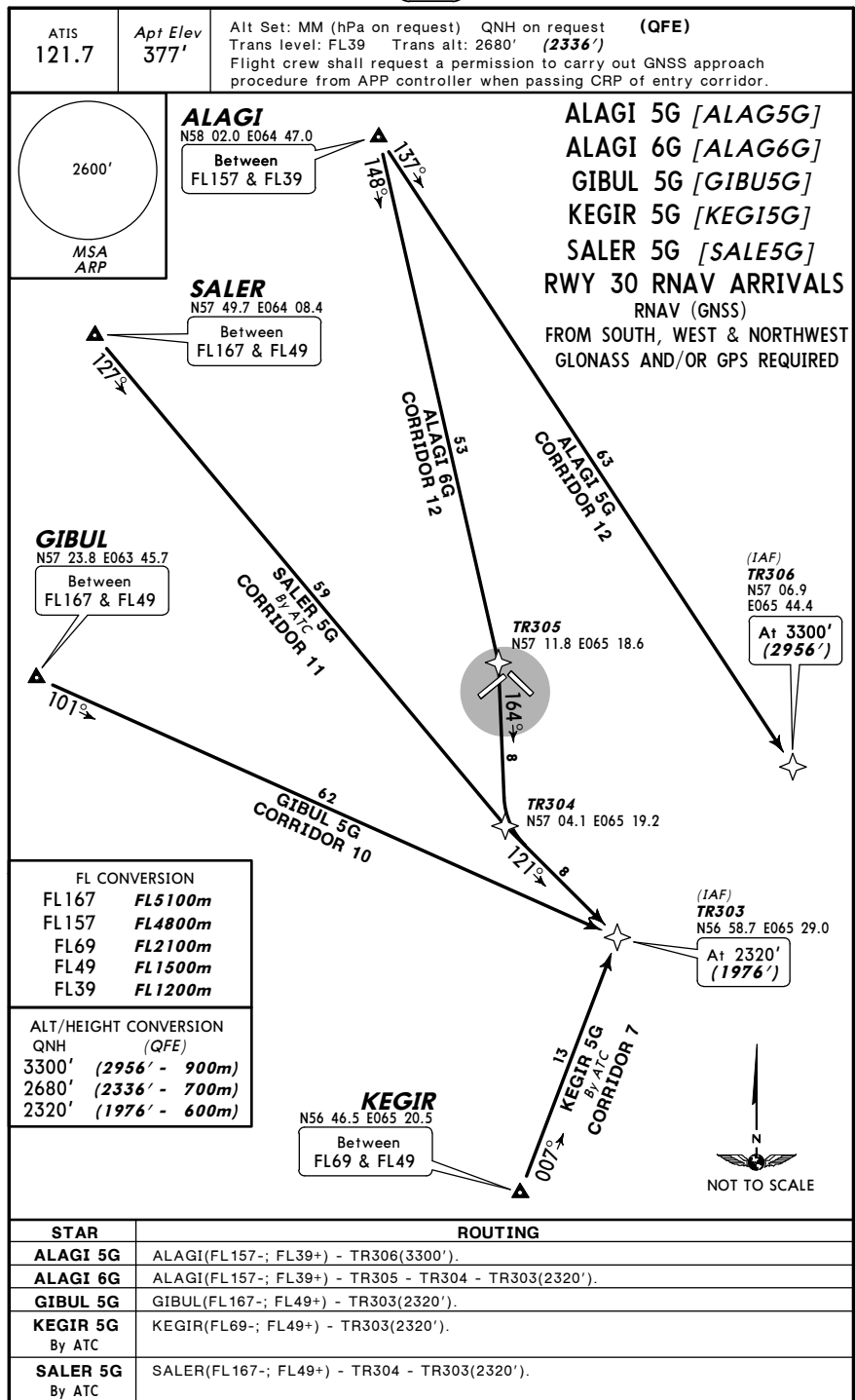
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RNAV STAR



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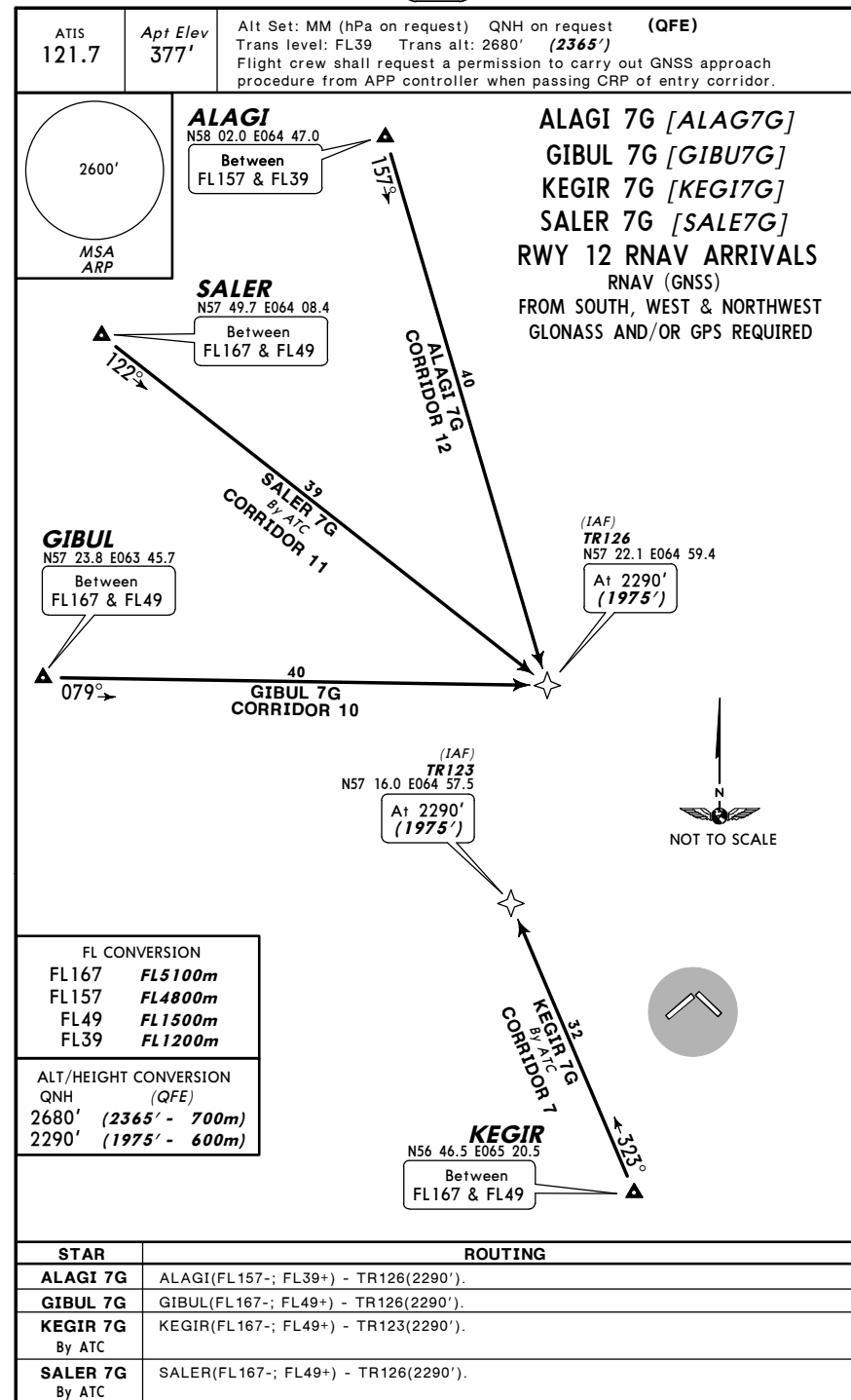
TYUMEN, RUSSIA
RNAV STAR



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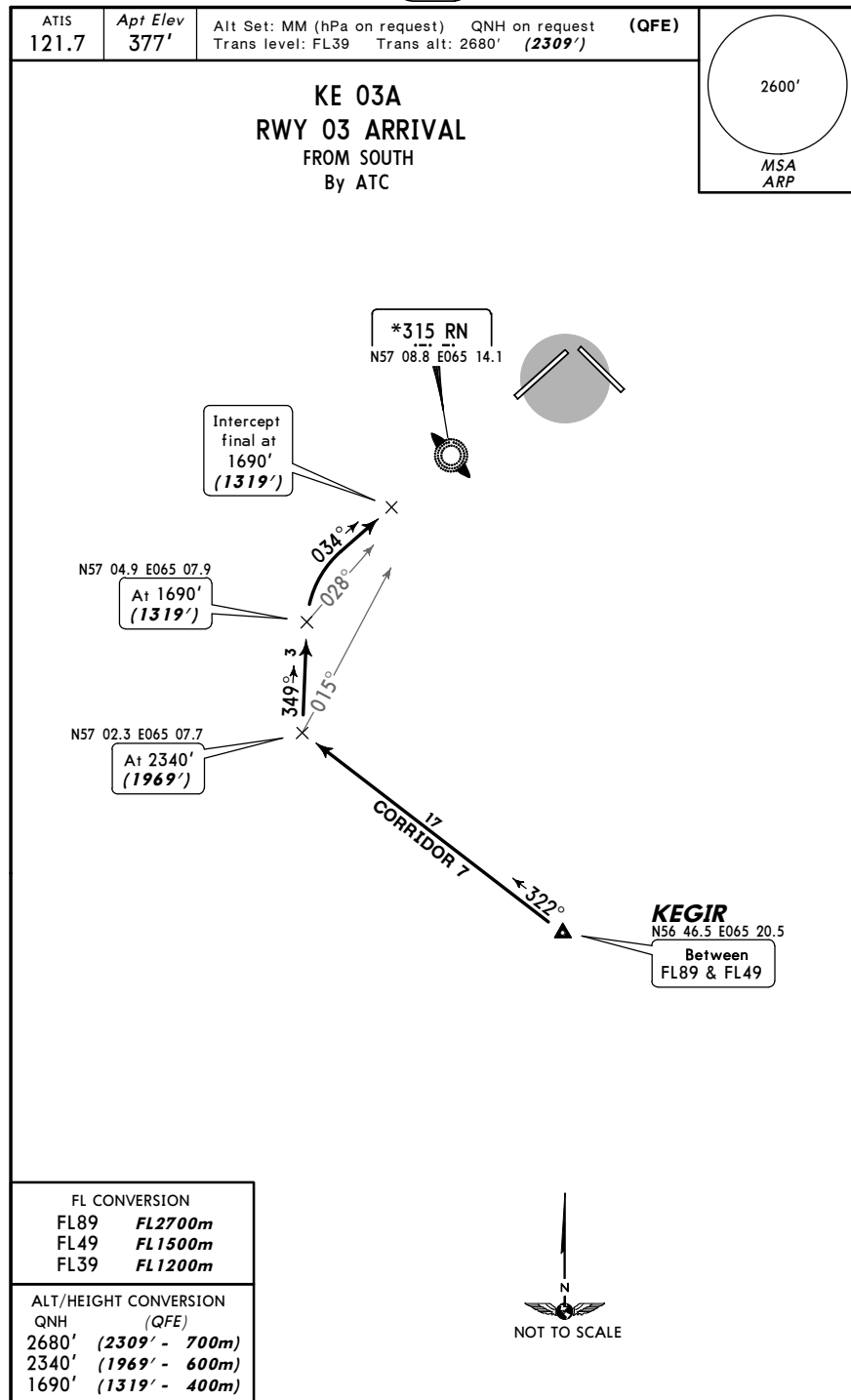
TYUMEN, RUSSIA
RNAV STAR



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JEPPesen
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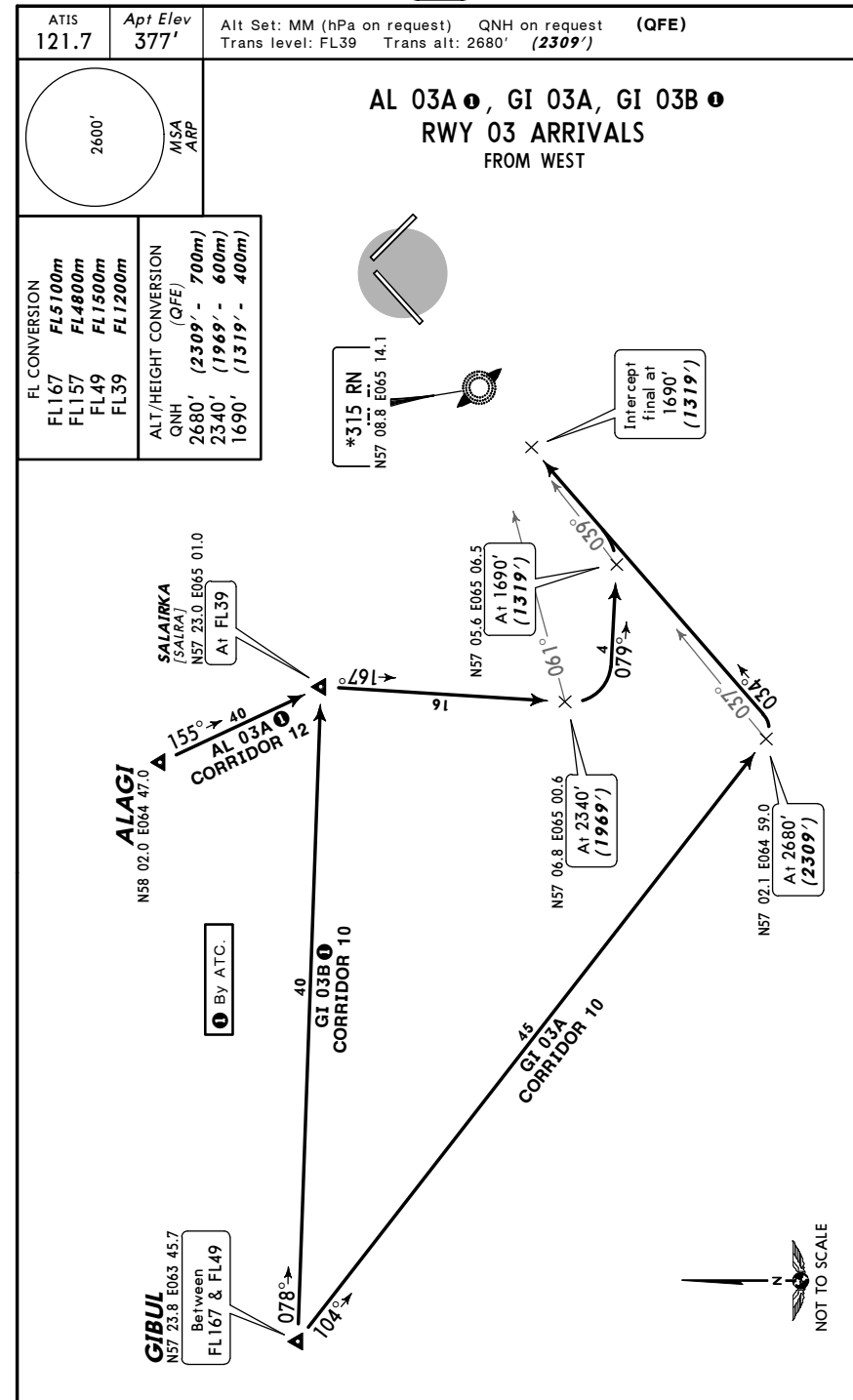
TYUMEN, RUSSIA
STAR



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JEPPesen
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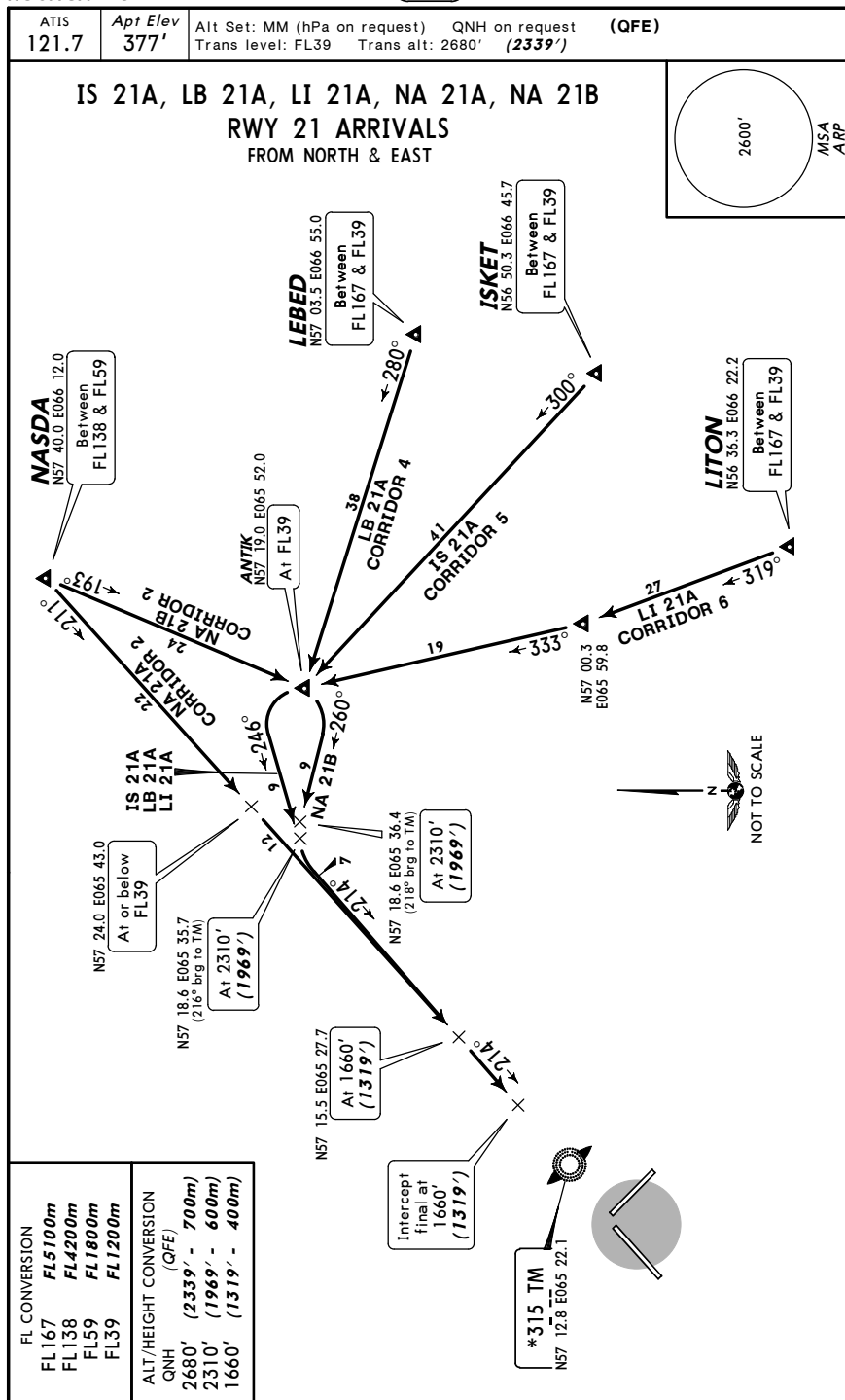
TYUMEN, RUSSIA
STAR



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ROSHCHINO

JEPPesen
17 JUL 09 (10-2M) Eff 30 Jul

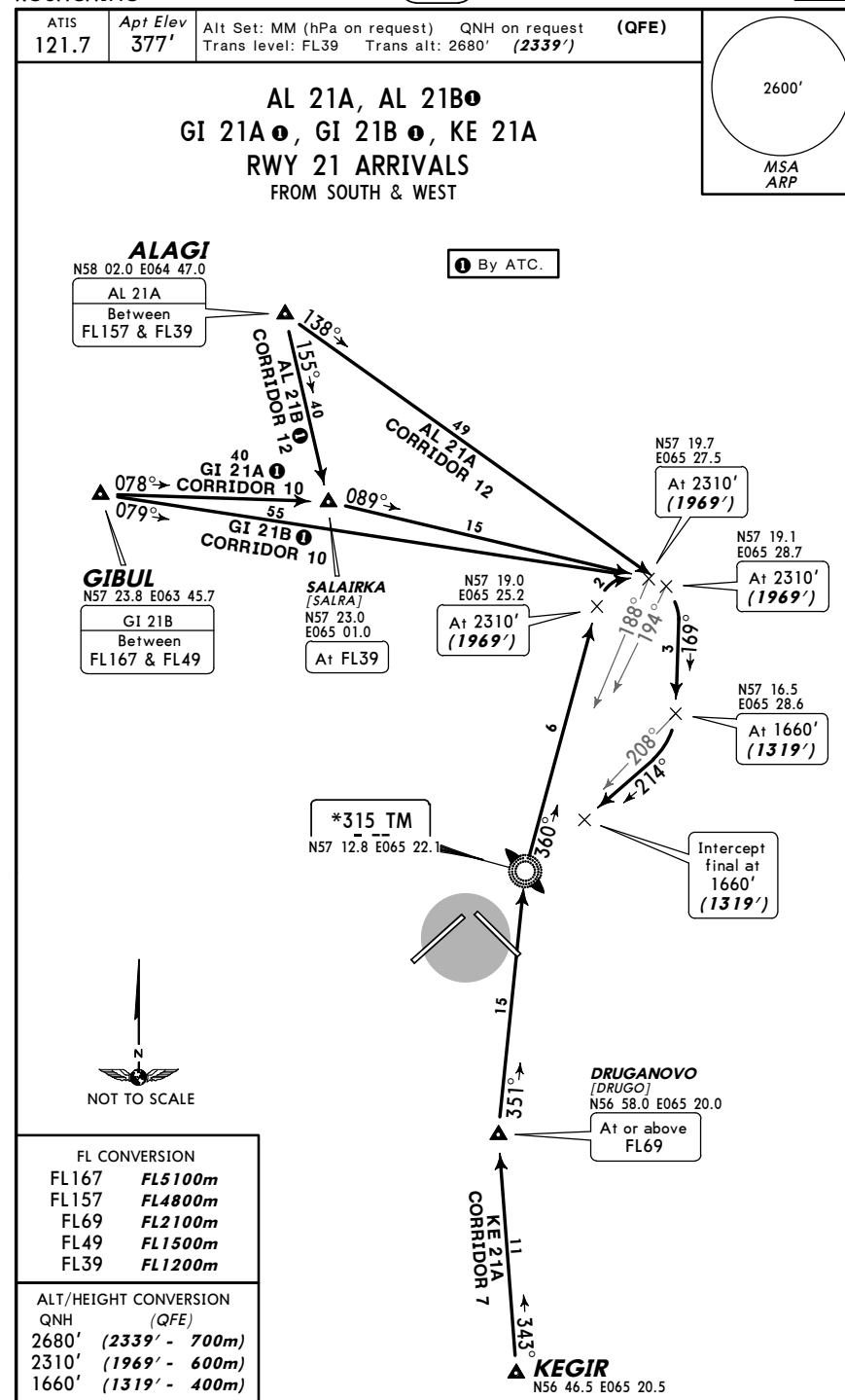
TYUMEN, RUSSIA
STAR



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ROSHCHINO

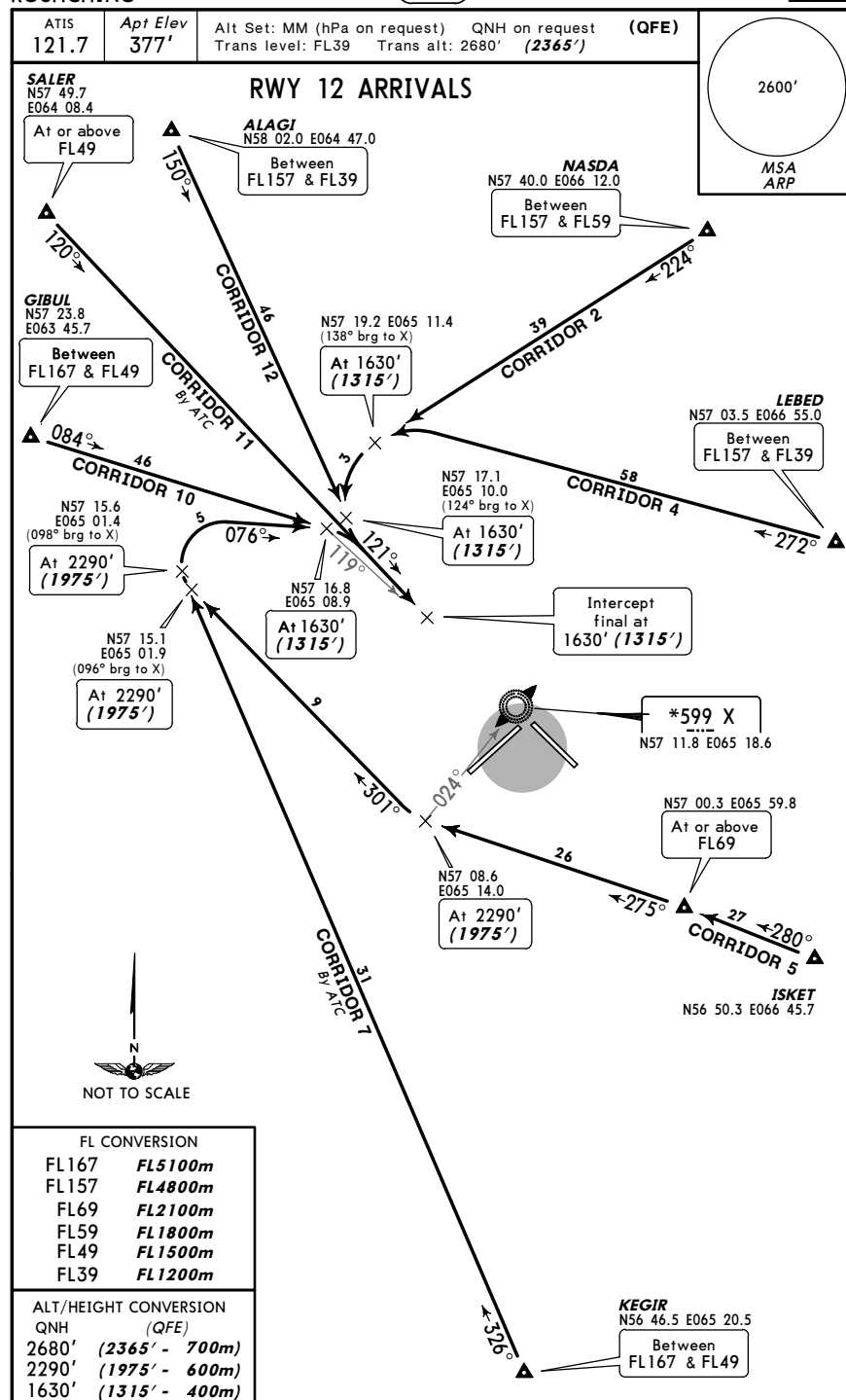
JEPPesen
17 JUL 09 (10-2M) Eff 30 Jul

TYUMEN, RUSSIA
STAR



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JEPPESSEN
17 JUL 09 (10-2P) **E**

TYUMEN, RUSSIA
STAR

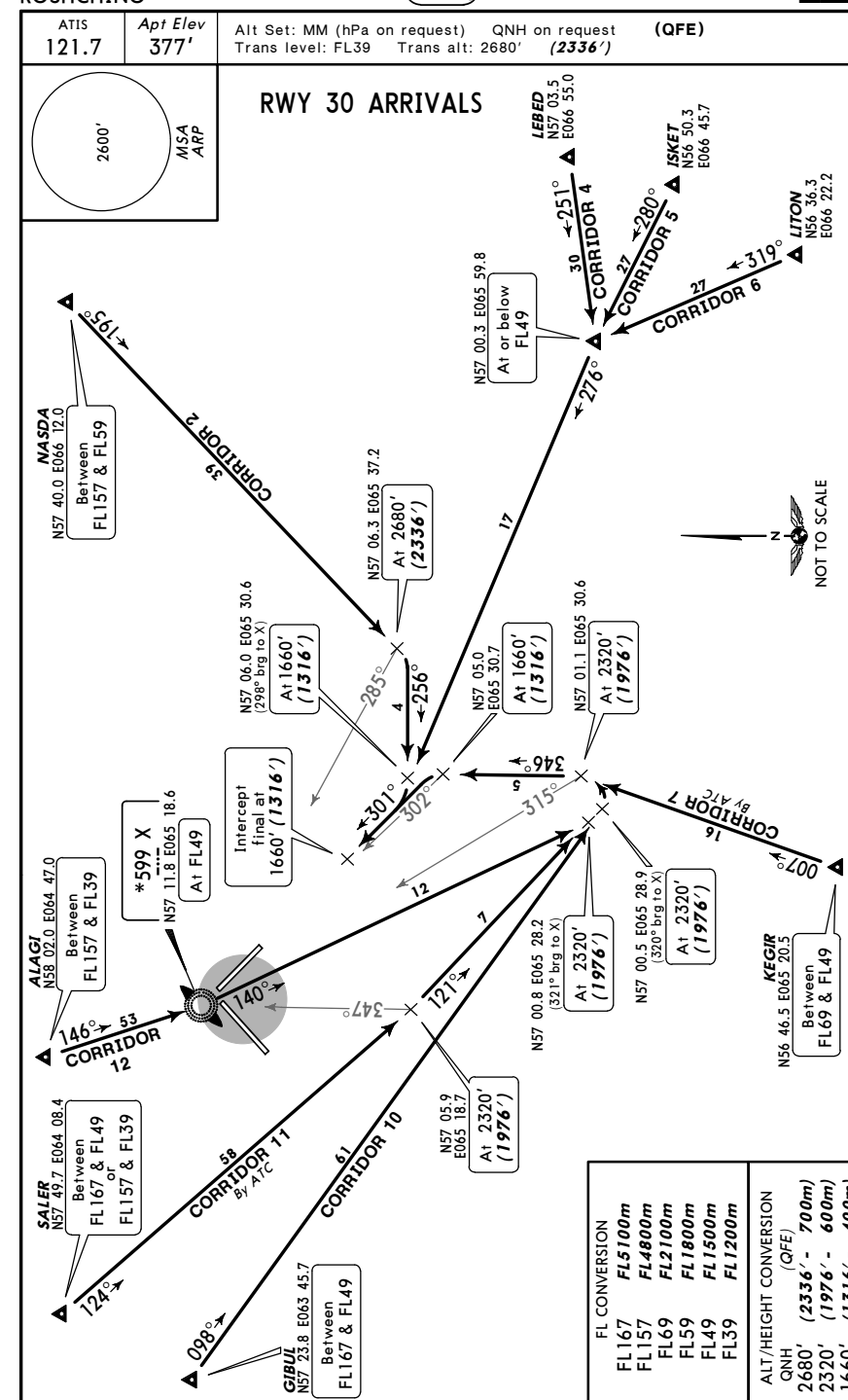
CHANGES: New chart (STARs transferred).

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JEPPESEN
17 JUL 09 (10-2Q) Eff 30 Jul

TYUMEN, RUSSIA



CHANGES: New chart (STARs transferred).

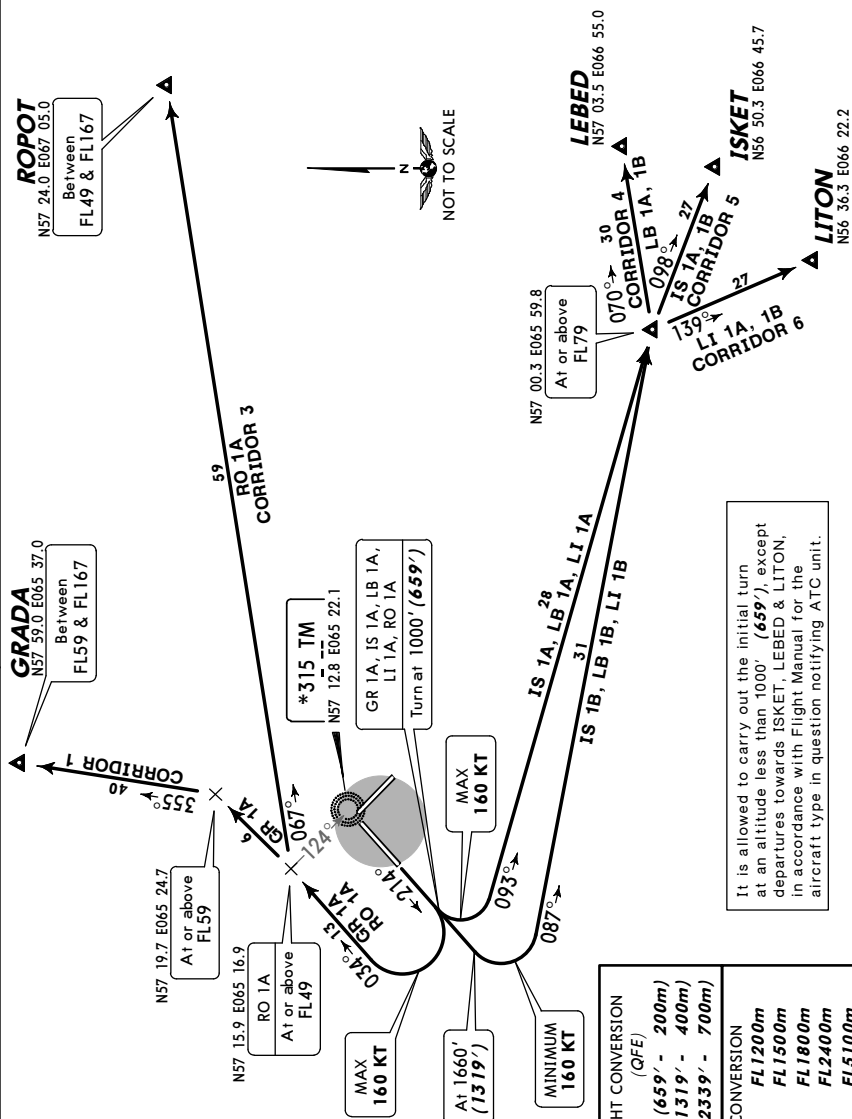
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Apt Elev
377'

QNH on request **(QFE)**
Trans level: FL39 Trans alt: 2680' **(2339')**

GR 1A, IS 1A, IS 1B, LB 1A, LB 1B
LI 1A, LI 1B, RO 1A
RWY 21 DEPARTURES
TO NORTH & EAST

600'

MSA
ARPALT/HEIGHT CONVERSION
QNH (QFE)

000' (659' - 200m)
660' (1319' - 400m)
680' (2339' - 700m)

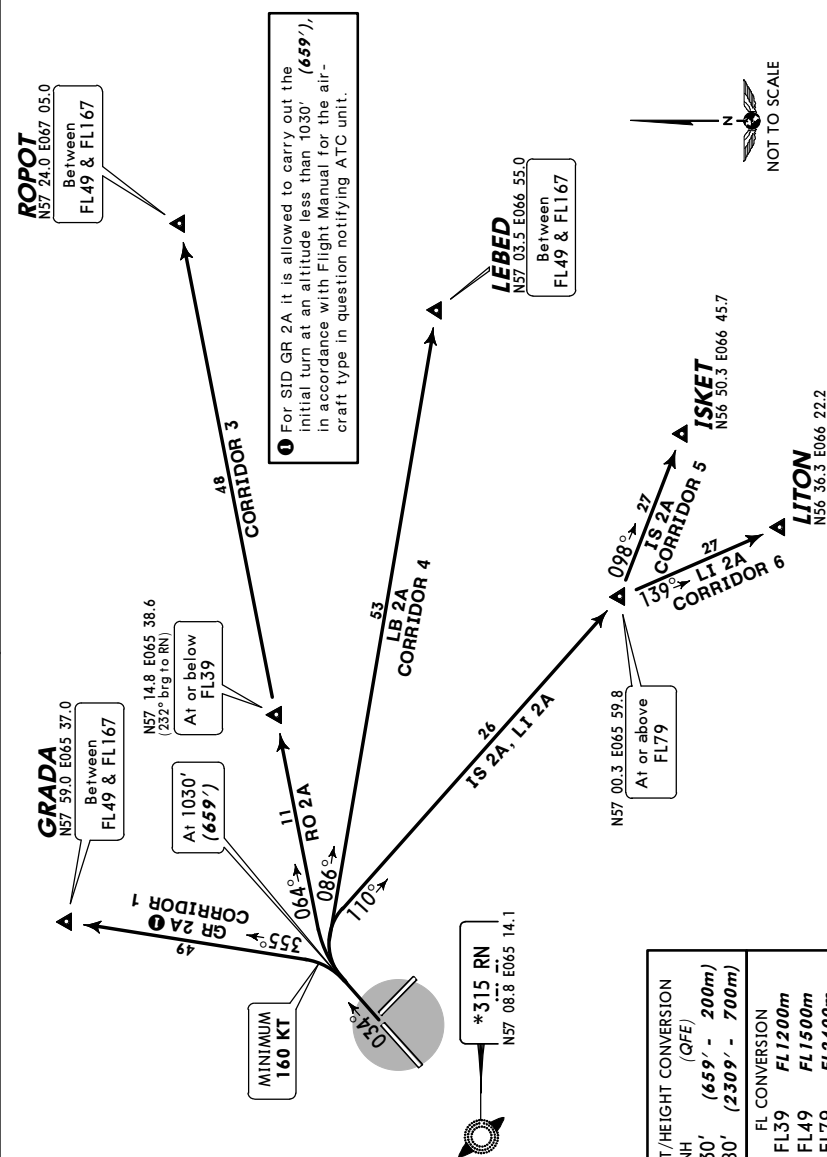
FL CONVERSION
FL39
FL49
FL59
FL79
FL167

Apt Elev
377'

QNH on request **(QFE)**
Trans level: FL39 Trans alt: 2680' **(2309')**

GR 2A ●, IS 2A, LB 2A, LI 2A, RO 2A
RWY 03 DEPARTURES
TO NORTH & EAST

600'

MSA
ARPP

ALT/HEIGHT CONVERSION	(QFE)
QNH	
QZ0'	000'

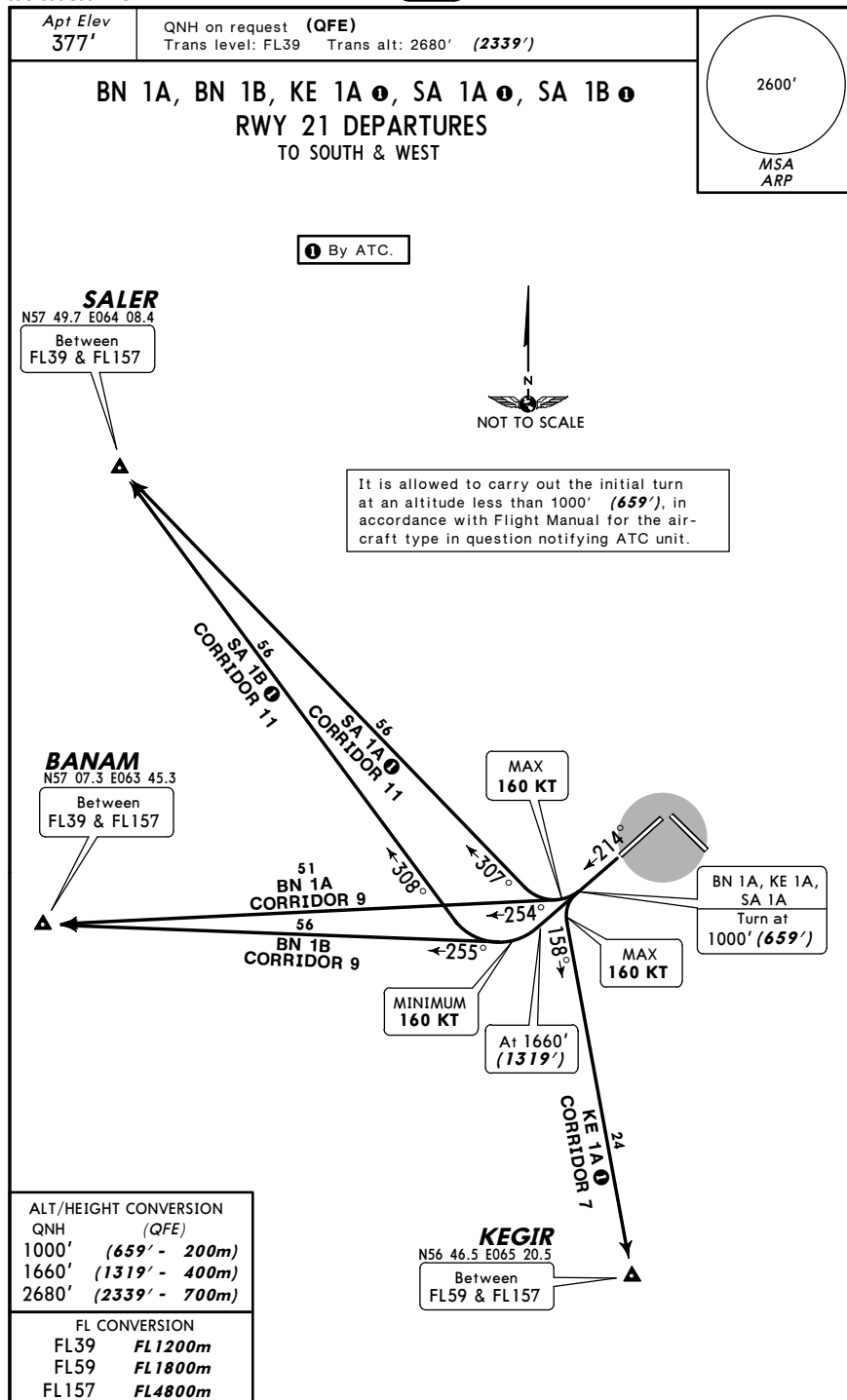
FL CONVERSION

FL39
FL49
FL79
FL167
FL1200r
FL1500r
FL2400r
FL5100r

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JEPPESEN
30 JAN 09 10-3B Eff 12 Feb

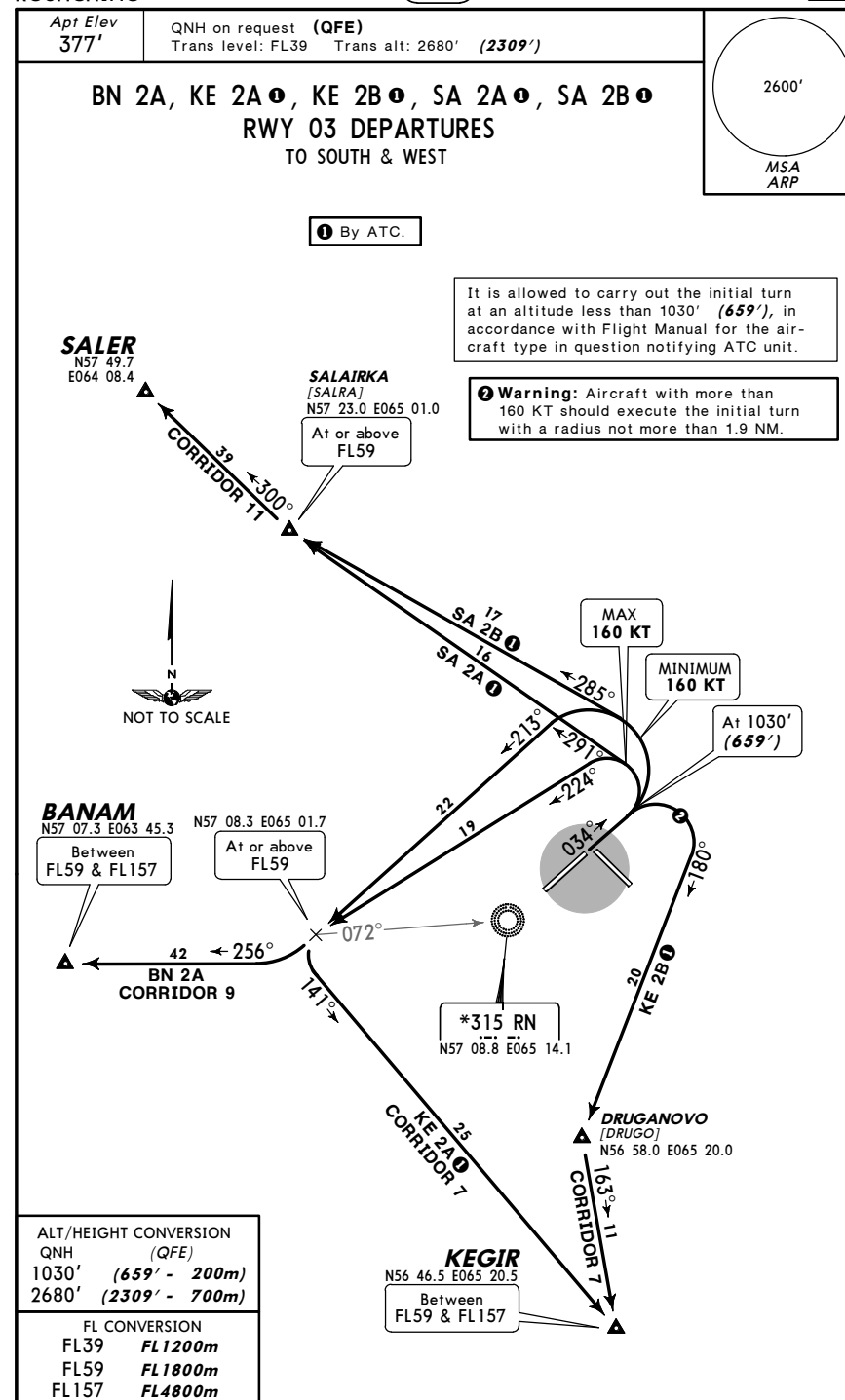
TYUMEN, RUSSIA
SID



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ROSHCHINO

JEPPESEN
30 JAN 09 10-3C Eff 12 Feb

TYUMEN, RUSSIA
SID

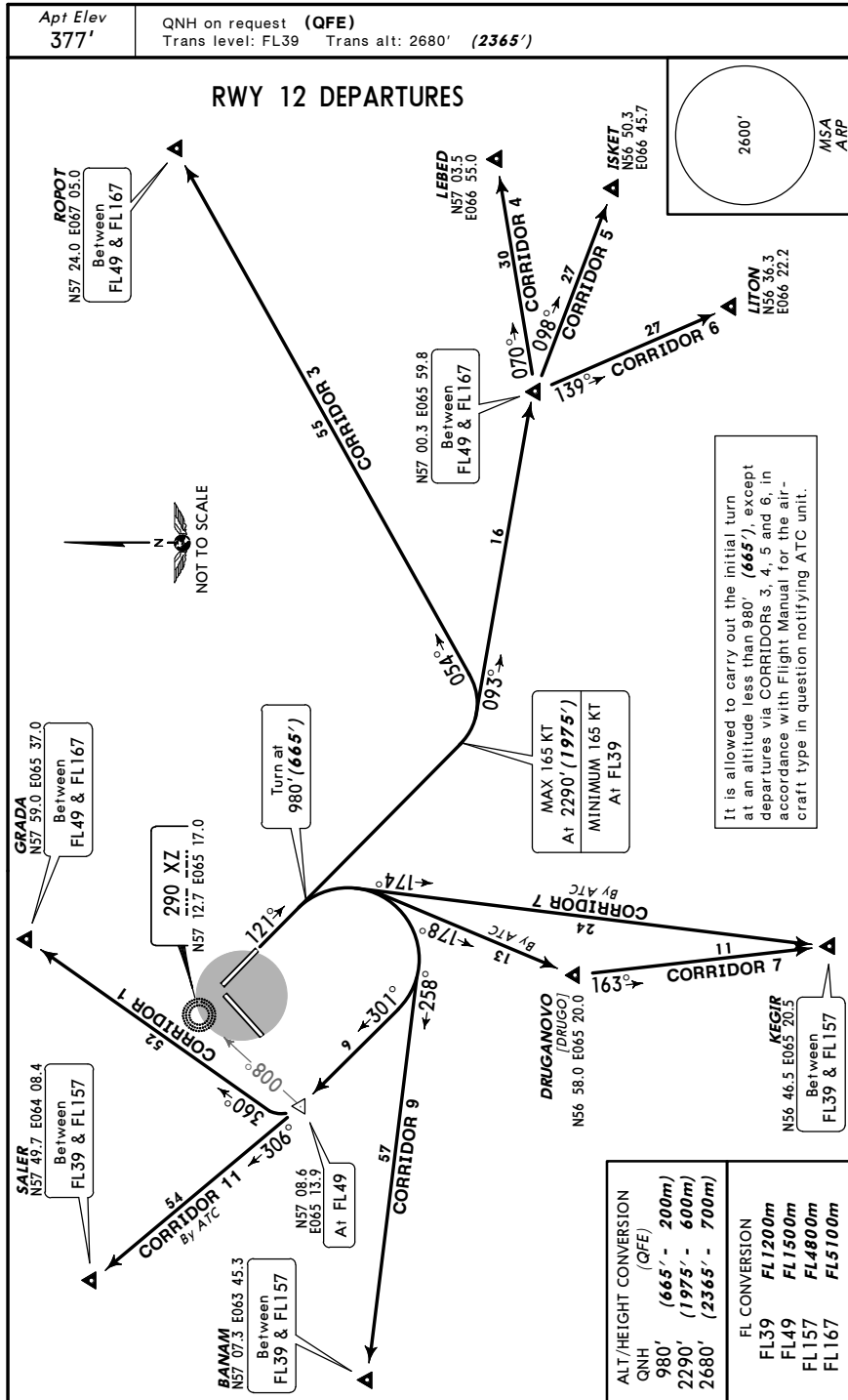


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ROSHCHINO

JEPPesen
30 JAN 09 (10-3D) Eff 12 Feb

TYUMEN, RUSSIA

SID



CHANGES: Departure to SALER established.

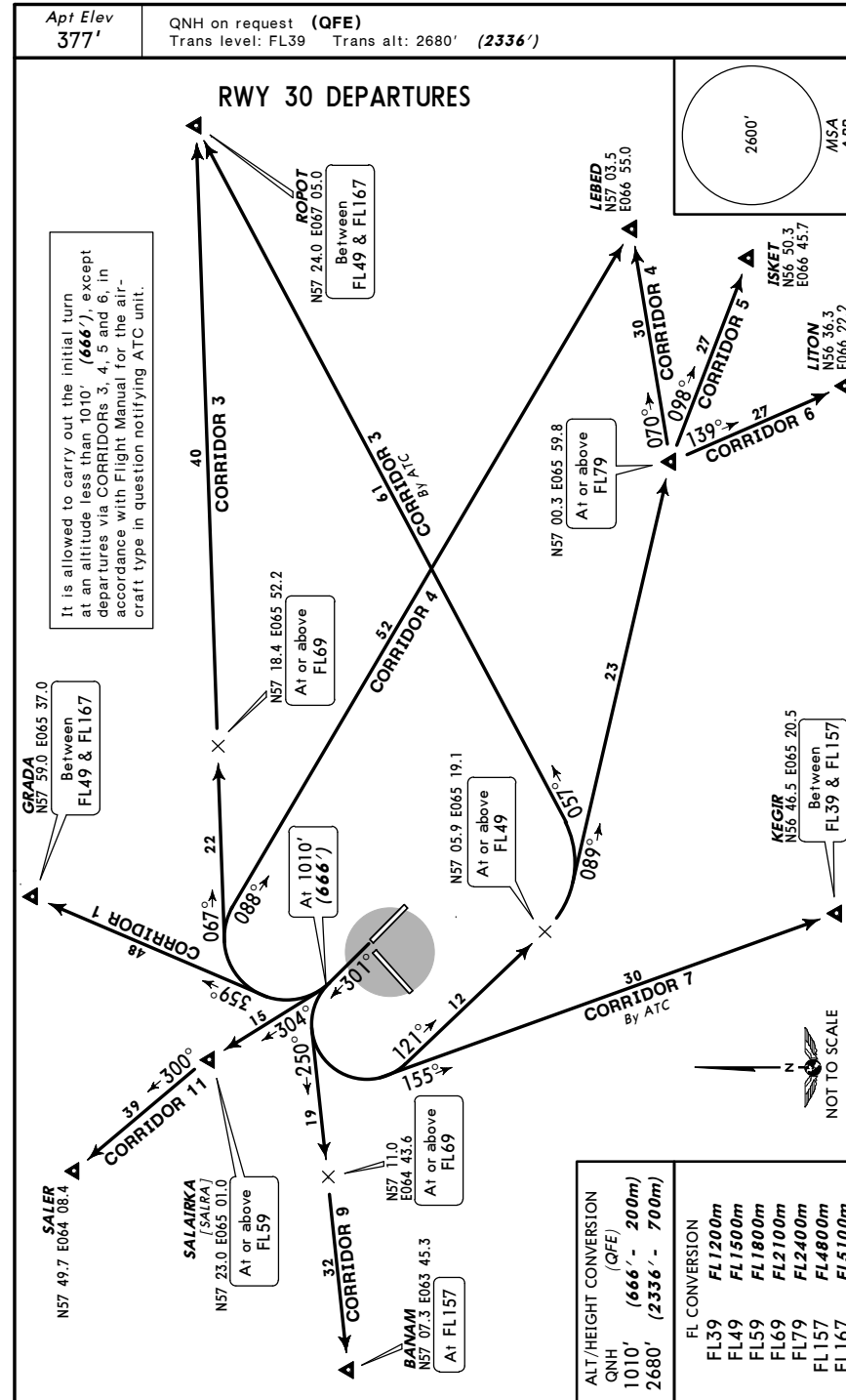
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JEPPesen
30 JAN 09 (10-3E) Eff 12 Feb

TYUMEN, RUSSIA

SID



CHANGES: Departure to SALER established.

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Apt Elev 377'

N57 10.1 E065 19.0

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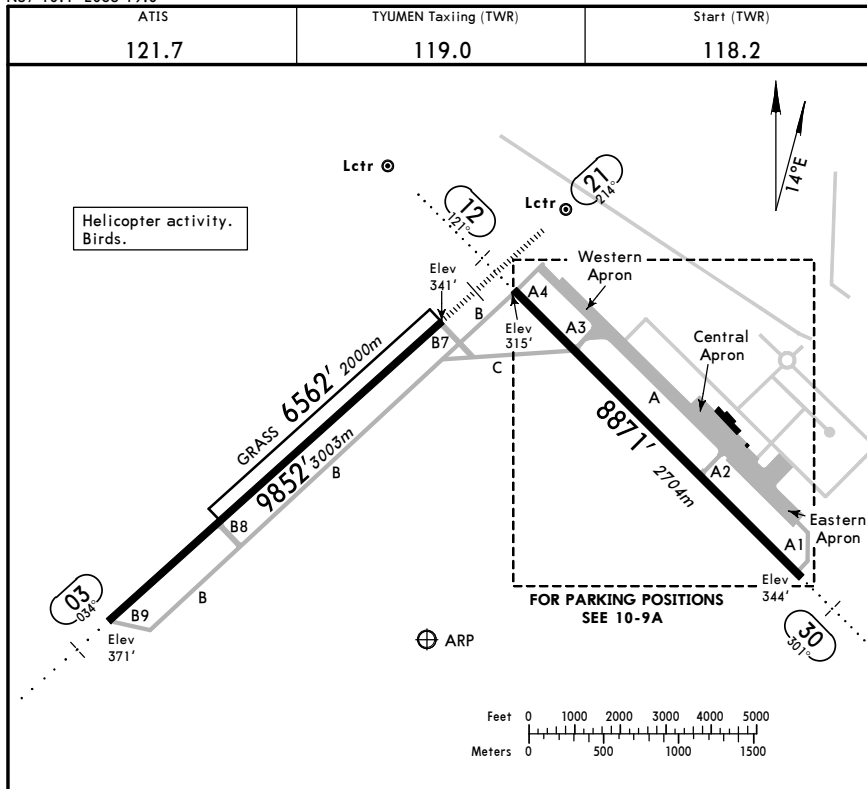
30 JAN 09

10-9

Eff 12 Feb

TYUMEN, RUSSIA

ROSHCHINO



ADDITIONAL RUNWAY INFORMATION

RWY				USABLE LENGTHS		TAKE-OFF	WIDTH
				Threshold	Glide Slope		
03	HIRL (60m)	ALS	PAPI-L (angle 2.67°)	RVR	8572' 2613m	9524' 2903m ①	148' 45m
21	HIRL (60m)	HIALS	PAPI-L (angle 2.67°)	RVR	8769' 2673m		
03 ②	Grass runway						328' 100m
12	RL (50m)	ALS	PAPI-L (angle 2.67°)	RVR		8543' 2604m ①	164' 50m
30	RL (50m)	ALS	PAPI-L (angle 3.00°)	RVR			

① First 328'/100m unusable for take-off.

② For emergency landing only.

TAKE-OFF

AIR CARRIER (JAA)

All Rwys

LVP must be in force

RCLM (DAY only)
or RL

RCLM (DAY only)
or RL

A
B
C
D

250m

400m

CHANGES: Apt & rwy elev.

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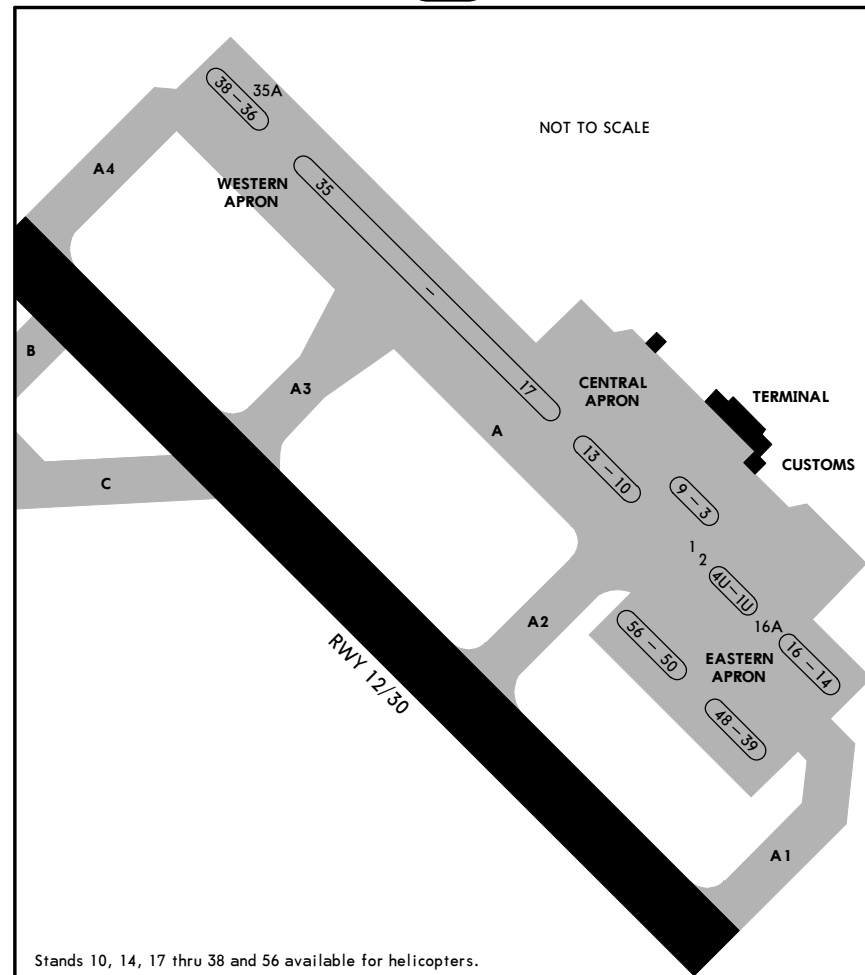
30 JAN 09

10-9A

Eff 12 Feb

TYUMEN, RUSSIA

ROSHCHINO



Stands 10, 14, 17 thru 38 and 56 available for helicopters.

CHANGES: Stands.

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JEPPESEN
17 JUL 09 10-9X

TYUMEN, RUSSIA
R0SHCHINO

TAKE-OFF RWY 03, 12, 21, 30

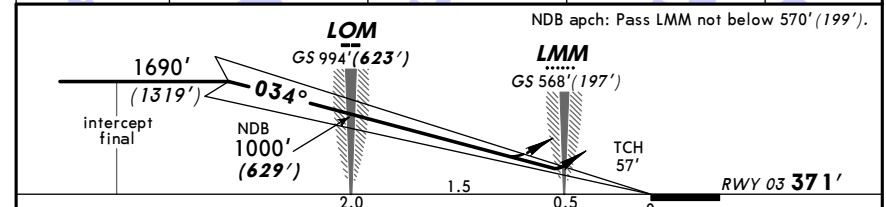
LVP must be in Force

RCLM (DAY only) or RL		RCLM (DAY only) or RL	NIL (DAY only)
A	250m	400m	500m
B			
C			
D			

JEPPESEN
MAY 08 (11-1)

TYUMEN, RUSSIA
ILS or 2 NDB Rwy 03

Alt Set: MM (hPa on req)	QNH on req (QFE)	Trans level: FL 39	Trans alt: 2680' (2309')
--------------------------	------------------	--------------------	-----------------------------------



Gnd speed-Kts	70	90	100	120	140	160
ILS GS 2.67° or NDB Desc Grad 4.7%	336	433	481	577	673	769

STRAIGHT-IN LANDING RWY 03

ILS		LOC (GS out)		NDB			
DA(H) 571'(200')				MDA(H) 680'(309')			
FULL		ALS out				ALS out	
A	1200m		NOT AUTHORIZED		RVR 1500m VIS 1600m		
B							
C							
D							

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ROSHCHINO

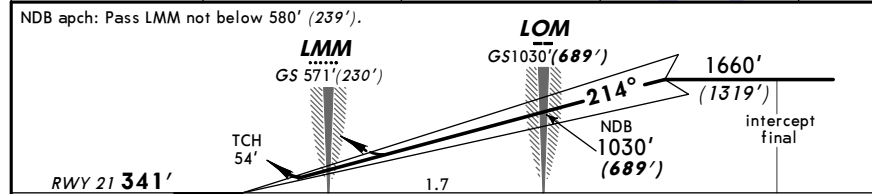
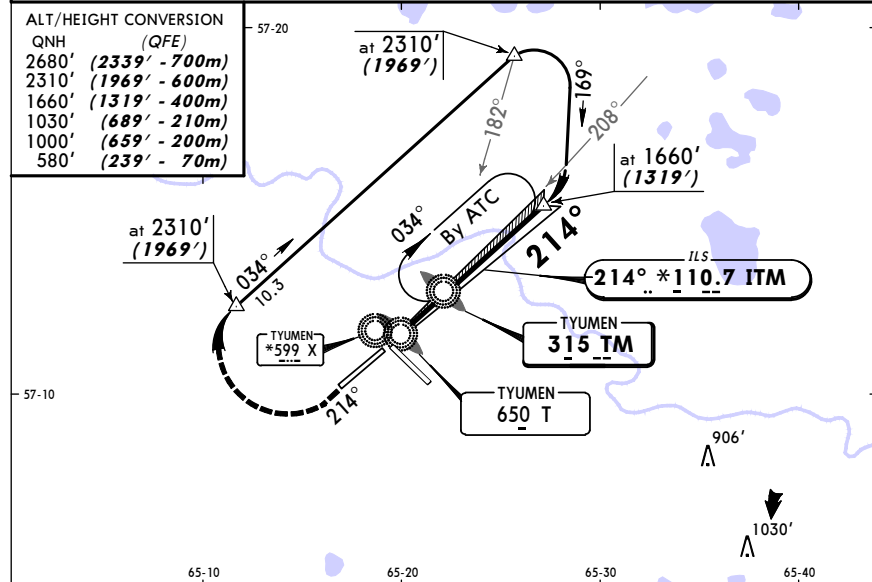
JEPPesen

9 MAY 08 (11-2)

TYUMEN, RUSSIA
ILS or 2 NDB Rwy 21

BRIEFING STRIP™	ATIS		TYUMEN Approach		TYUMEN Krug (SRE)		TYUMEN Start (PAR/TWR)		Ground	
	121.7		126.1		120.4		118.2		119.0	
	LOC ITM *110.7		Final Apch Crs 214°		GS/ Minimum Alt LOM 1030' (689')		ILS DA(H) 541' (200')		Apt Elev 378'	
	NDB TM 315						NDB MDA(H) 670' (329')		RWY 341'	
MISSED APCH: Climb on 214° to 1000' (659'), then turn RIGHT onto 034° climbing to 2310' (1969'), then according to chart.									2600'	
									MSA ARP	

ALT/HEIGHT CONVERSION
QNH (QFE)
2680' (2339' - 700m)
2310' (1969' - 600m)
1660' (1319' - 400m)
1030' (689' - 210m)
1000' (659' - 200m)
580' (239' - 70m)



Gnd speed-Kts	70	90	100	120	140	160	HALS	1000' (659')	214°	034°	2310' (1969')
ILS GS 2.67° or	336	433	481	577	673	769	PAPI	↑	↑	↑	↑
NDB Desc Grad	4.7%										

STRAIGHT-IN LANDING RWY 21							
ILS		LOC (GS out)		NDB			
DA(H) 541'(200')				MDA(H) 670'(329')			
FULL ALS out				ALS out			
A							
B							
C	RVR 720m VIS 800m	1200m		1200m	RVR 1500m VIS 1600m		
D					RVR 1500m VIS 1600m		

CHANGES: Navaids idents.

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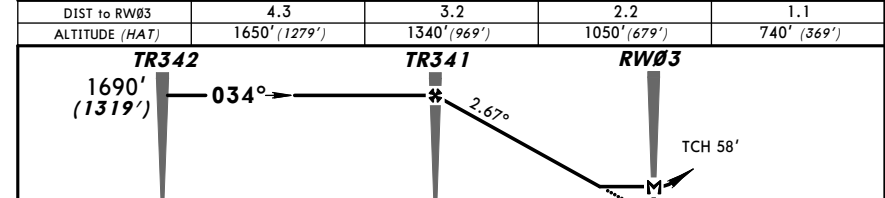
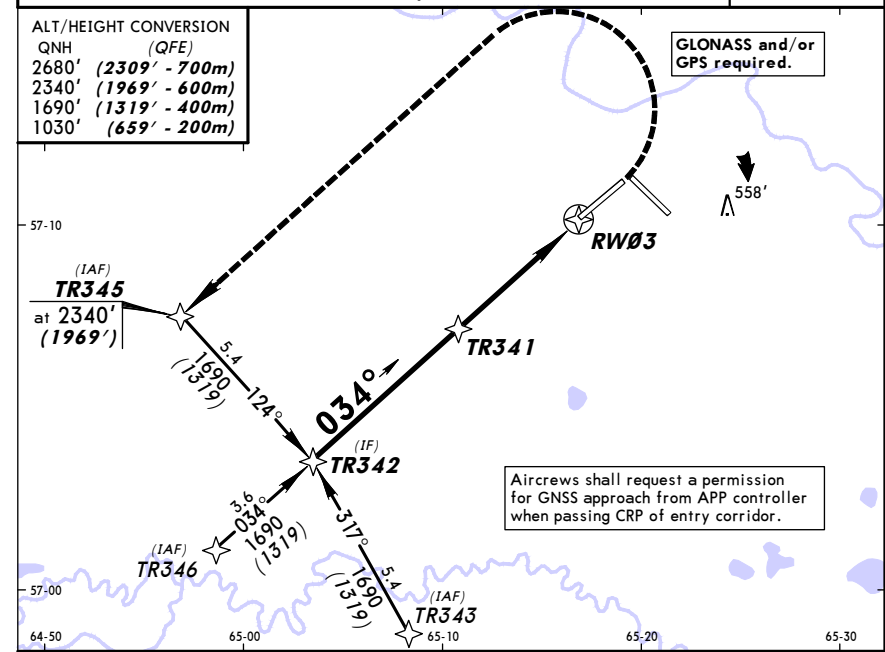
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17 JUL 09 (12-1)

Eff 30 Jul

TYUMEN, RUSSIA
RNAV (GNSS) Rwy 03

ATIS	TYUMEN Approach	TYUMEN Krug (SRE)	TYUMEN Start (PAR/TWR)	Ground
121.7	126.1	120.4	118.2	119.0
RNAV	Final Apch Crs 034°	Minimum Alt TR341 1690'(1319')	MDA(H) 680'(309')	Apt Elev 377' RWY 371'
MISSED APCH: Climb STRAIGHT AHEAD to 1030'(659'), then turn LEFT to proceed to TR345 climbing to 2340'(1969'), then according to chart.				2600'
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 39 Trans alt: 2680'(2309')				MSA ARP
SPECIAL ACFT AND AIRCREW AUTHORIZATION REQUIRED.				



Gnd speed-Kts	70	90	100	120	140	160	HALS	1030' (659')	TR345	2340' (1969')
ILS GS 2.67° or	331	425	472	567	661	756	PAPI	↑	↑	↑
NDB Desc Grad	2.67°									

STRAIGHT-IN LANDING RWY 03							
ILS		LOC (GS out)		NDB			
DA(H) 541'(200')				MDA(H) 670'(329')			
FULL ALS out				ALS out			
A							
B							
C							
D							

CHANGES: New procedure.

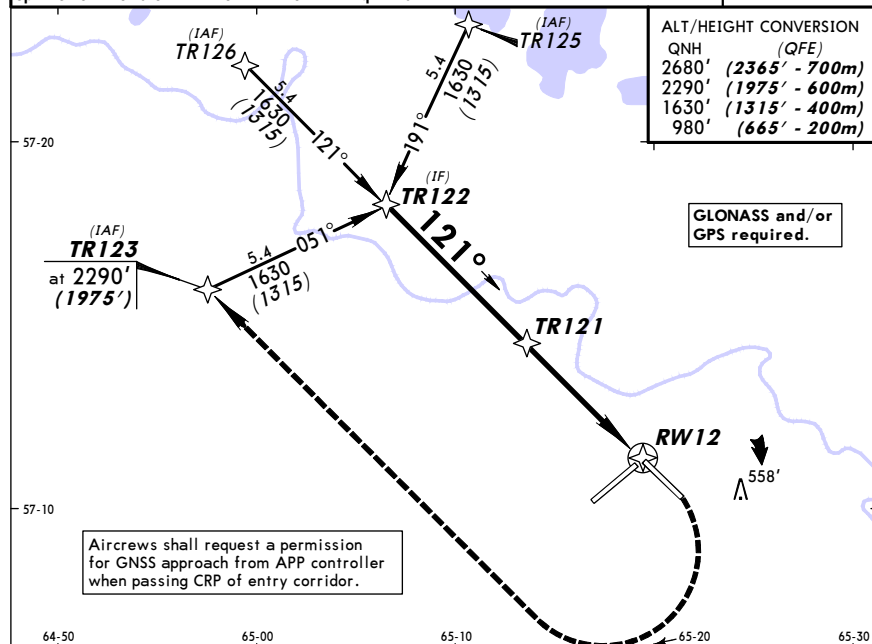
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17 JUL 09 (12-2) Eff 30 Jul

TYUMEN, RUSSIA
RNAV (GNSS) Rwy 12

ATIS 121.7	TYUMEN Approach 126.1	TYUMEN Krug (SRE) 120.4	TYUMEN Start (PAR/TWR) 118.2	Ground 119.0
RNAV	Final Apch Crs 121°	Minimum Alt TR121 1630'(1315')	MDA(H) 660'(345')	Apt Elev 377' RWY 315'
MISSED APCH: Climb STRAIGHT AHEAD to 980'(665'), then turn RIGHT to proceed to TR123 climbing to 2290'(1975'), then according to chart.				
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 39 Trans alt: 2680'(2365') Special acft and aircrew authorization required.				



DIST to RW12	4.3	3.2	2.2	1.1
ALTITUDE (HAT)	1600'(1285')	1290'(975')	990'(675')	680'(365')
TR122	TR121	RW12		
1630'(1315')	121°	2.67°	TCH 50'	
10.0	5.4	4.6	0	
Gnd speed-Kts	70	90	100	120
Descent angle 2.67°	331	425	472	567
MAP at RW12				
ALS				
PAPI				
980'(665')	TR123	2290'(1975')		

STRAIGHT-IN LANDING RWY 12	
MDA(H) 660'(345')	
ALS out	
A	RVR 1500m VIS 1600m
B	
C	
D	RVR 1800m VIS 2000m

CHANGES: New procedure.

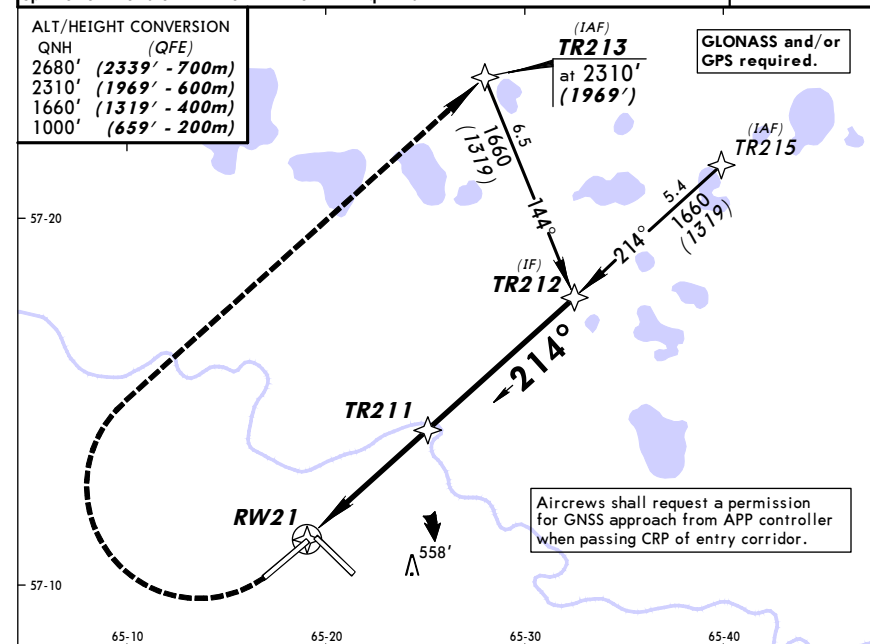
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JEPPesen
17 JUL 09 (12-3) Eff 30 Jul

TYUMEN, RUSSIA
RNAV (GNSS) Rwy 21

ATIS 121.7	TYUMEN Approach 126.1	TYUMEN Krug (SRE) 120.4	TYUMEN Start (PAR/TWR) 118.2	Ground 119.0
RNAV	Final Apch Crs 214°	Minimum Alt TR211 1660'(1319')	MDA(H) 650'(309')	Apt Elev 377' RWY 341'
MISSED APCH: Climb STRAIGHT AHEAD to 1000'(659'), then turn RIGHT to proceed to TR213 climbing to 2310'(1969'), then according to chart.				
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 39 Trans alt: 2680'(2339') Special acft and aircrew authorization required.				



DIST to RW21	1.1	2.2	3.2	4.3
ALTITUDE (HAT)	710'(369')	1020'(679')	1310'(969')	1630'(1289')
RW21	TR211	TR212		
		1660'(1319')	214°	
10.0	4.5	4.5	5.4	9.9
Gnd speed-Kts	70	90	100	120
Descent angle 2.67°	331	425	472	567
MAP at RW21				
ALS				
PAPI				
1000'(659')	TR213	2310'(1969')		

STRAIGHT-IN LANDING RWY 21	
MDA(H) 650'(309')	
ALS out	
A	RVR 720m VIS 800m
B	
C	
D	RVR 1500m VIS 1600m

CHANGES: New procedure.

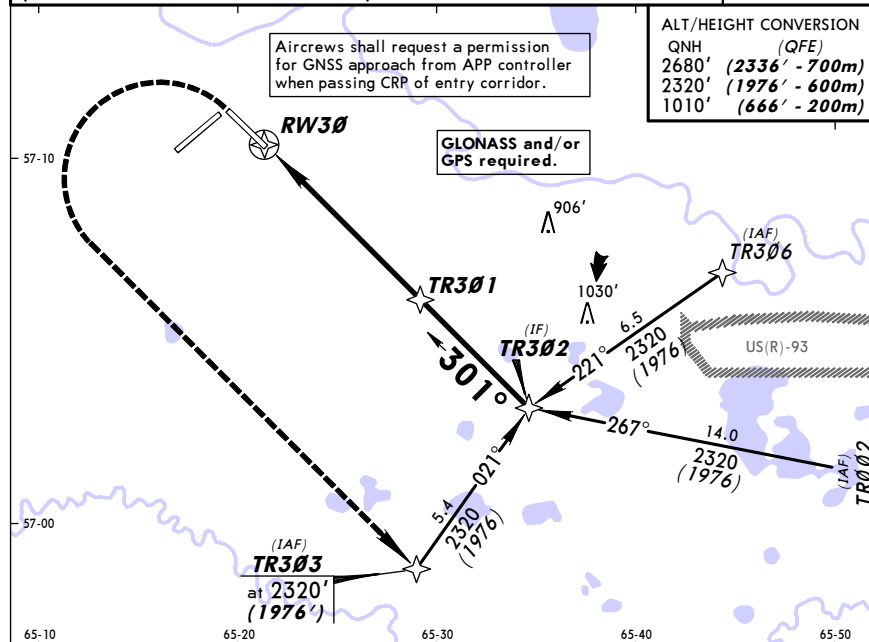
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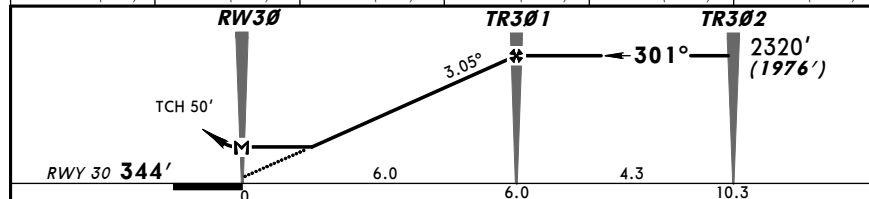
JEPPesen
17 JUL 09 (12-4) Eff 30 Jul

TYUMEN, RUSSIA
RNAV (GNSS) Rwy 30

ATIS	TYUMEN Approach	TYUMEN Krug (SRE)	TYUMEN Start (PAR/TWR)	Ground
121.7	126.1	120.4	118.2	119.0
RNAV	Final Aptch Crs	Minimum Alt TR301	MDA(H)	Apt Elev 377'
	301°	2320' (1976')	710' (366')	RWY 344'
MISSED APCH: Climb STRAIGHT AHEAD to 1010' (666'), then turn LEFT to proceed to TR303 climbing to 2320' (1976'), then according to chart.				
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 39 Trans alt: 2680' (2336')				
Special acft and aircrew authorization required.				



DIST to RW30	1.1	2.2	3.2	4.3	5.4
ALTITUDE (HAT)	740' (396')	1090' (746')	1430' (1086')	1780' (1436')	2120' (1776')



Gnd speed-Kts	70	90	100	120	140	160
Descent angle 3.05°	378	486	540	648	755	863
MAP at RW30						

STRAIGHT-IN LANDING RWY 30		ALS out
A		
B		
C		
D		

CHANGES: New procedure.

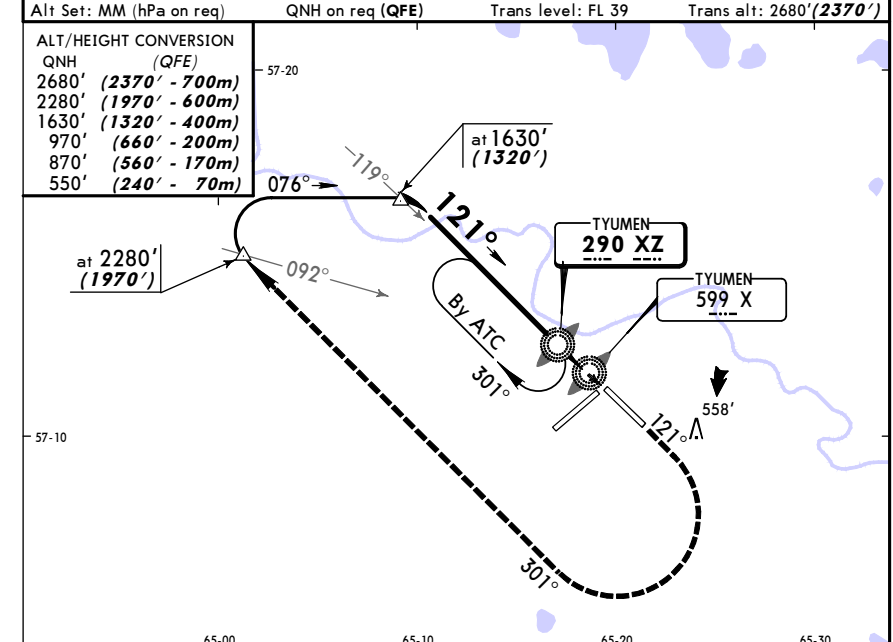
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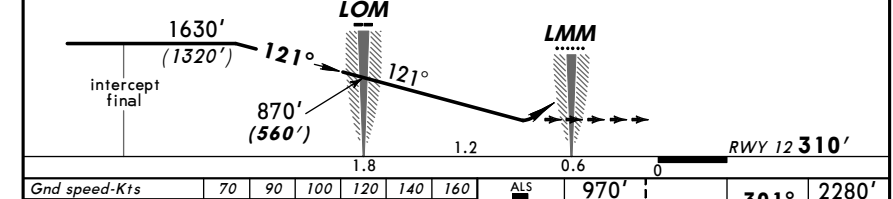
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7 DEC 07 (16-1) Eff 20 Dec

TYUMEN, RUSSIA
2 NDB Rwy 12

ATIS	TYUMEN Approach	TYUMEN Krug (SRE)	TYUMEN Start (PAR/TWR)	Ground
121.7	126.1	120.4	118.2	119.0
NDB XZ 290	Final Aptch Crs 121°	Minimum Alt LOM 870' (560')	MDA(H) 640' (330')	Apt Elev 378' RWY 310'
MISSED APCH: Climb on 121° to 970' (660'), then turn RIGHT onto 301° climbing to 2280' (1970'), then according to chart.				
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 39 Trans alt: 2680' (2370')				



DIST to RW30	1.1	2.2	3.2	4.3	5.4
ALTITUDE (HAT)	740' (396')	1090' (746')	1430' (1086')	1780' (1436')	2120' (1776')



Gnd speed-Kts	70	90	100	120	140	160
Descent Gradient 4.7%	333	428	476	571	666	762
MAP at RW30						

STRAIGHT-IN LANDING RWY 12		ALS out
A		
B		
C		
D		

CHANGES: None.

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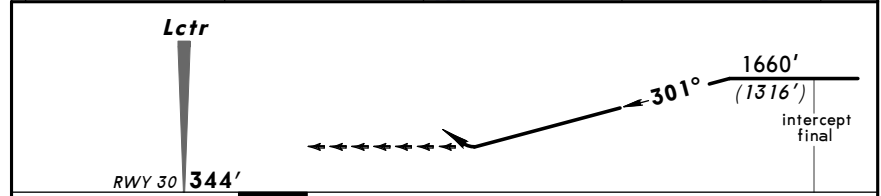
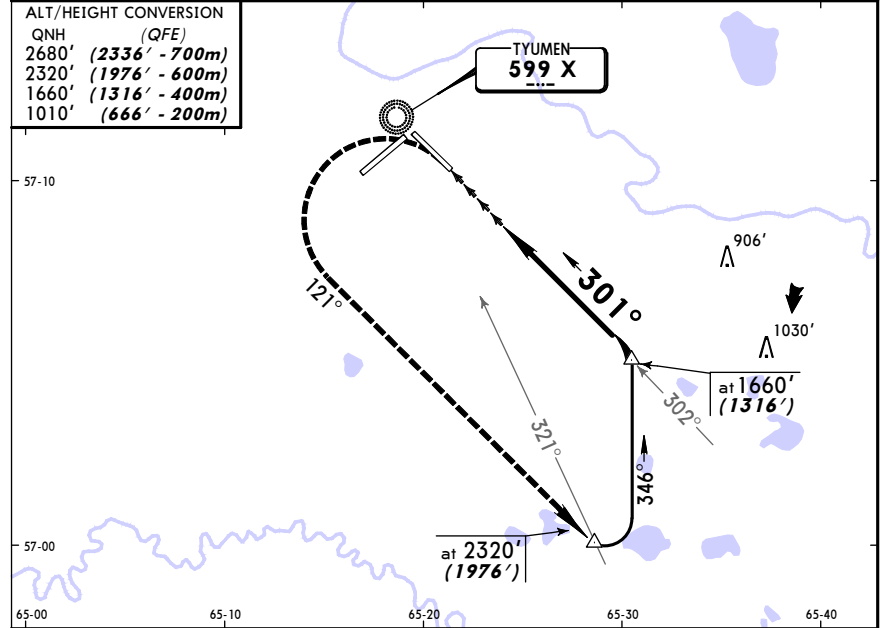
JEPPESEN
7 DEC 07 16-2 Eff 20 Dec

TYUMEN, RUSSIA
NDB Rwy 30

BRIEFING STRIP

BRIEFING STRIP	ATIS		TYUMEN Approach		TYUMEN Krug (SRE)		TYUMEN Start (PAR/TWR)		Ground	
	121.7		126.1		120.4		118.2		119.0	
	Lctr X	Final Apch Crs		Minimum Alt		MDA(H)		Apt Elev		<div>2600'</div> <div>MSA ARP</div>
	599	301°		No FAF		1050' (706')		378'		
								RWY 344'		
MISSED APCH: Turn LEFT onto 121° climbing to 2320' (1976'), then according to chart.										
Alt Set: MM (hPa on req)		QNH on req (QFE)			Trans level: FL 39			Trans alt: 2680' (2336')		

ALT/HEIGHT CONVERSION
QNH (QFE)
2680' (2336' - 700m)
2320' (1976' - 600m)
1660' (1316' - 400m)
1010' (666' - 200m)



Gnd speed-Kts	70	90	100	120	140	160	ALS	121° LT	2320' (1976')
Descent Gradient 5.2%	369	474	527	632	737	843			

STRAIGHT-IN LANDING RWY 30			
MDA(H) 1050' (706')			
		ALS out	
A			
B	3200m		
C			
D	3600m		

PANS OPS